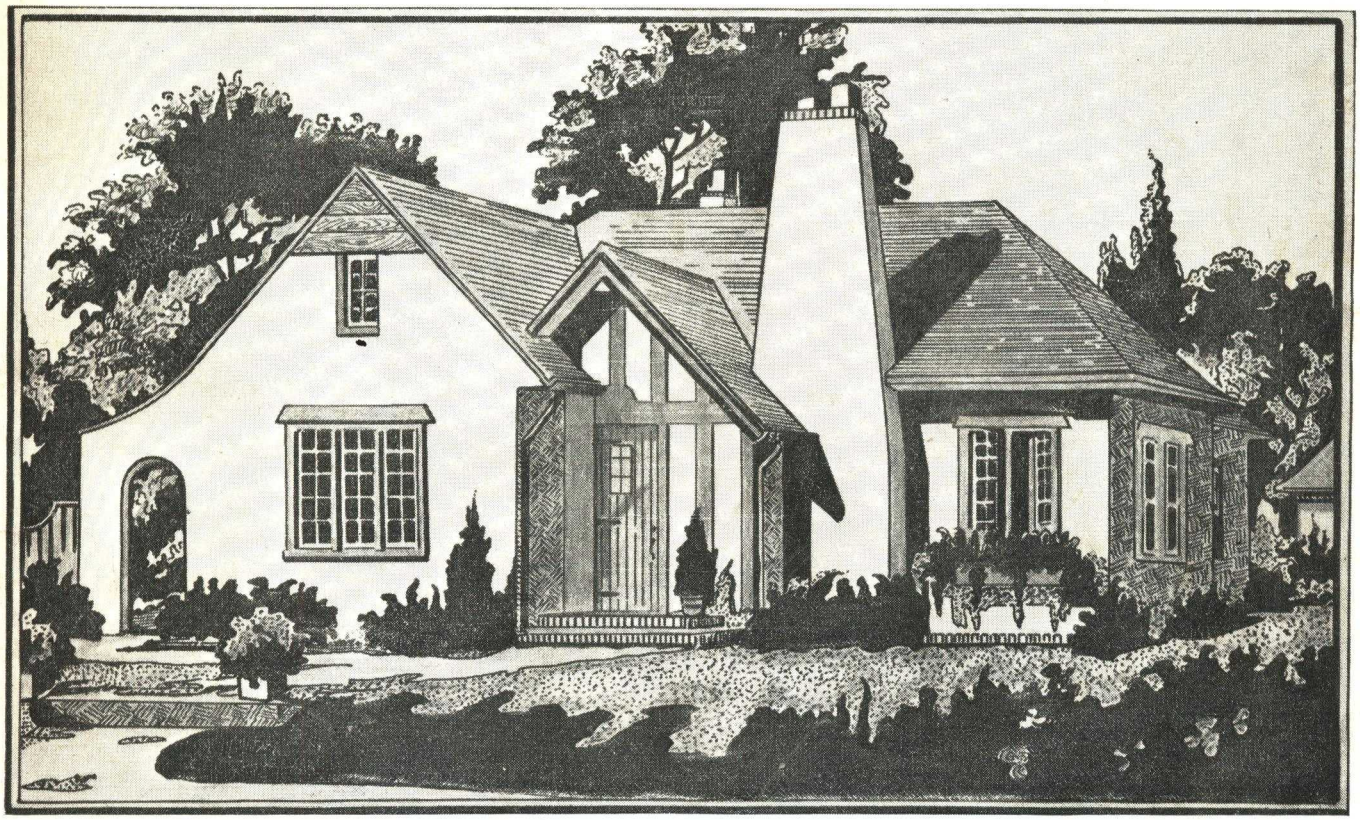
THE HOME COMPLETE



MOST COMPLETE LUMBER YARD IN NEW YORK STATE

40 Mile Free Truck Delivery

COTTON-HANLON

Phone-31

ODESSA, NEW YORK

Binghamton, N. Y. Lodi, N. Y. Corning, N. Y.

B. J. Cotton

We Face 1933 With Confidence

Cotton & Hanlon

H. A. Hanlon

TO OUR MANY CUSTOMERS

You are now reading the second issue of our catalog, "The Home Complete." To those who have read our last year's catalog, you will recognize that the catalog you now have in your hands covers a much larger line than our catalog of last year, and is more complete in every detail. Prices are lower, our stocks are larger, and our service is better.

This year of 1933 presents itself, offering apparently many difficulties for many of us, but Cotton & Hanlon face 1933 with confidence. Our stocks of merchandise are larger than they were a year ago. We were able to increase our business for 1932 more than 20% in dollars and cents over 1931; and we expect to increase our volume for 1933 over 1932. There is only one way we can do this: and that is by offering our customers the best bargains possible for them to obtain any place. We must offer them still better service, still higher quality materials, and every other advantage we can give them. We believe that we have included all of these necessities in our 1933 program.

We not only have here at Odessa the largest rural lumber yard in New York State, but we also have the most complete lumber yard in New York State. With our sawmills and timber holdings, we are able to put lumber into your hands from our own operation from the stump to your home, eliminating all unnecessary profits. Thru our complete stock of lumber of every description, plumbing, heating, paints, hardware, mason's supplies, and every conceivable thing that goes into the construction of a home, all sold through one office and under one overhead, we are able to offer you advantages that no one else in the field can offer you.

Our employees are still better trained, still more capable of handling the details of your needs, than they were last year, and it is our instructions to them that YOU must be satisfied, and we consider it an accommodation if you would advise us personally of any dissatisfaction that you may have thru the negligence or inefficiency of our employees.

The mill price of the major part of the commodities we handle are positively below the cost of production. It is false economy for anyone who has the money, to pass up 1933's building material bargains. A thousand dollars in the bank will only be a thousand dollars one, two, three, five, or ten years from today, but it is more than probable that a thousand dollars invested in a new home today will at least double in value within the next two or three years. We have no misgivings when we urge everyone who has the desire and money, to make it possible, to do whatever he might have in mind in the building line in 1933, and it is our personal guarantee to you that on any complete building job, we can and will furnish you materials; giving you better values, lower prices, and better service than from any other source from which you may buy.

B. J. COTTON & H. A. HANLON.

A. F. Carpenter
Sales Manager

Frank Saturn
Credit Manager

Forty Miles Free Delivery

FREE DELIVERY

All prices quoted in our catalog include free truck delivery right to your door step, attic, cellar, or barn as per zone delivery plan shown on the back of cover. This free delivery plan of ours puts you within three to five hours' service of the largest stock of merchandise of its kind in the State.

For people who wish to purchase their material at our yard, and deliver it themselves, we offer a discount of 5% on cash purchases of $10.00 or over from prices shown in this catalog.

TERMS OF SALE

All prices shown in our catalog are Net Cash prices; either cash with order, or cash on delivery. We cannot deviate from these terms except by special arrangement with our credit department.

In cases of the building of complete homes or other large building projects, arrangements can be made with our Credit Department to make the payments so that they will not inconvenience the purchaser to the extent of being compelled to pay for his merchandise each day.

MAIL ORDER AND "CASH & CARRY" COMPETITION

The prices listed in our catalog we believe will duplicate the prices of any Mail Order catalog or "Cash & Carry" yard, service considered. However, to eliminate any doubt from your mind, we agree to meet any price listed by any legitimate mail order house or any legitimate "Cash & Carry" yard; meeting them, of course, with their quality and with their service. We make no exceptions to this offer.

OUR GUARANTEE

We guarantee each and every article sold by us to be strictly up to the grade for which it is sold. This means more to you than any manufacturer guarantee that you can get, because we are here to make the article good without a series of correspondence.

PRICES SUBJECT TO MARKET CHANGE

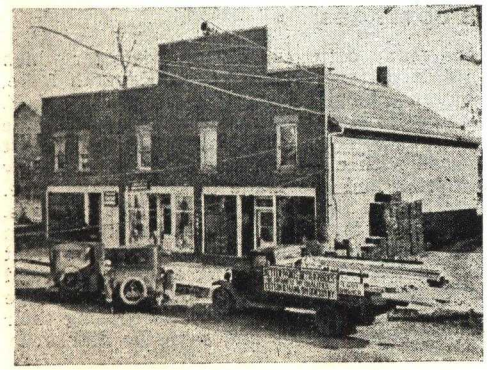
All prices as listed in this catalogue are figured on today's market. Due to the present unsettled market conditions, we can guarantee prices to cover only stock that we have on hand. While we believe prices will be higher, we always adjust our prices lower as we get notice of a lower market.

EASY PAYMENT TERMS TO RESPONSIBLE PARTIES

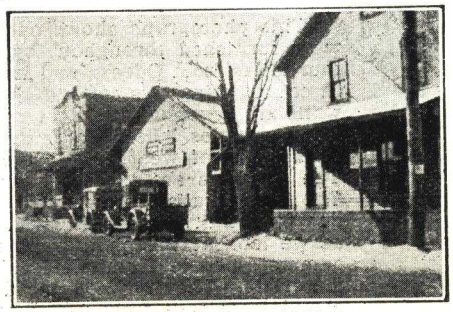
If you own your home and it is free from any mortgages, liens, or incumbrances, you may use our easy payment plan to buy materials for modernizing. If there is a mortgage against your home, we may finance your improvements, providing the mortgagee (mortgage holder) is willing to endorse the note. Upon receipt of your application, we will send you an application blank for our time payment plan. This blank is to be filled out and returned to us. Our Credit Department will go over your application and will advise you within a week whether or not it is accepted.

Here Is Our Time Payment Plan

Amount of Order (Cash Price)	Add for Time Payment Terms	Deposit with Order	Monthly Payments
$20.00 to $25.00	$2.50	$4.00	$4.00
25.01 to 30.00	3.00	5.00	5.00
30.01 to 35.00	3.50	5.00	5.00
35.01 to 40.00	4.00	5.00	5.00
40.01 to 45.00	4.50	5.00	5.00
45.01 to 50.00	5.00	5.00	5.00
50.01 to 60.00	5.50	6.00	6.00
60.01 to 70.00	6.50	7.00	7.00
70.01 to 80.00	7.50	8.00	7.00
80.01 to 90.00	8.50	9.00	8.00
90.01 to 100.00	9.50	10.00	10.00
100.01 to 125.00	11.00	12.00	12.00
125.01 to 150.00	13.00	15.00	15.00
150.01 to 175.00	15.00	17.50	17.50
175.01 to 200.00	17.50	20.00	20.00



LODI STORE
Lodi, N. Y.
A. N. Fletcher in charge



CORNING YARD
Located in the former Laurence Colby Yard on the South Corning Road
Bruce Hostrander in charge

BINGHAMTON STORE
3 Mitchell Ave., Binghamton, N. Y.
John Williams and Jay Hine in charge

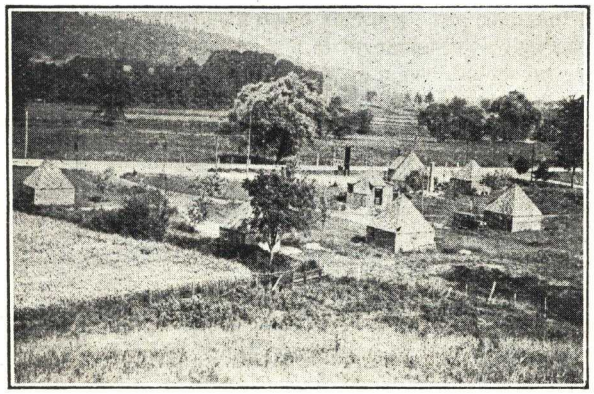
TOURIST'S CAMP—LAKE COTTAGES

WESTLAKES' WHITE CITY TOURISTS CAMP

Nestled in the hills over-looking beautiful Seneca Lake opposite the South entrance of the Watkins Glen State Park is the well-known White City tourists' camp. The 50 furnished cottages range in capacity from two to twelve people, forming a village in itself. A mecca for tourists visiting Watkins Glen. The cottages are equipped with natural gas for heating and cooking. The camp has a general store where one may buy groceries, etc. A log cabin recreation building and good music is furnished for those who care to dance. Chicken, steak and trout dinners are served in the large dining room. In a portion of this White City is found one of the finest swimming pools and bath houses in the Southern Tier. Archery and double tennis courts provide fun for young and old. Ponies and saddle horses keep the children interested. In the camp's free historical museum one finds a collection of articles of interest to tourists. In fact, the management has left nothing undone for the comforts and conveniences of its patrons.

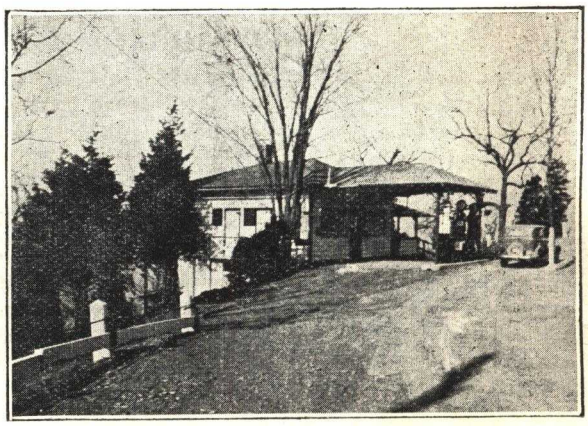
B. F. Westlake, who is the managing owner of this camp is probably one of the few men who can boast of building a complete village. In building this White City our records show that we sold Mr. Westlake 20 cars of lumber; 3 cars of cement; 2 cars of roofing; one car of insulating board; one car of galvanized pipe and fittings and soil pipe and fittings; one car of building blocks; one car of plumbing ware; one car of doors, windows, electrical supplies and other items used in building. This makes a total of 30 cars, a train load of material. There must have been reasons for our being able to furnish the material for this complete village — and the reasons are simply these — good merchandise at the right prices.

THE WIGWAMS

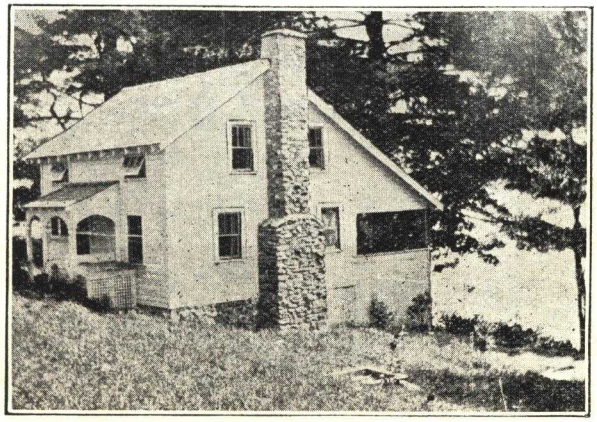


The photograph on this page shows a few of the Wigwams that make up this tourists' camp. These wigwams or overnight cottages are located about a half mile from Montour Falls on the Watkins-Elmira road. This site has a bit of historical importance. In the year 1779, an old Indian village nestled contently between the two green hills that form the valley in which this camp is located. Queen Catherine Montour, a one-time Indian princess held the tiny settlement in her power. One warm August evening during that year she was executed and, according to historians she was buried about forty rods from this camp. In building this type of structure C. M. Corson, the owner, has brought about something new in tourist camp architecture. We know of no other tourist camp in the state that is so singular in design. The cottages are large and roomy. Running water makes them modern in every respect. They are conveniently located about four miles from Watkins Glen. The buildings are made throughout of wood; and high quality material is used throughout. Each cabin is insulated with our Inso-board which keeps out the heat. The side walls are painted in red and touched with aluminum here and there to give the effect of the old Indian wigwams. The roofs are covered with a red color-blend asphalt shingle. Several carloads of our building materials were used in constructing this camp.

HECTOR FALLS CAMP



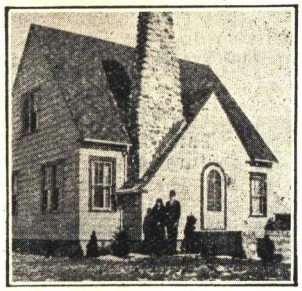
This photograph shows the filling station of the Hector Falls camp. In back of this filling station, down over the hill and among the pine trees one finds a group of overnight cabins. Three or four rods below these cottages is the beautiful Seneca Lake. To the north is Hector Falls, one of the beauty spots of the Finger Lakes Region. Right after the Revolutionary War, Hector Falls was used in providing water power for the various factories that were located there at that time. This camp is located three miles from Watkins Glen on the Watkins-Lodi road along the lake. The large pine trees, the lake and falls probably make it very cool in summer. In building this gasoline station and overnight cottages our high quality material was used throughout. In framing and sheathing for the gas station our first quality western Hemlock was used. The side walls are covered with wide 10″ cedar bungalow siding. The roof is covered with Colonial asphalt shingles. The interior walls are covered with Best Wall gypsum board. First quality western Hemlock framing was used in building the overnight cottages. Clear novelty siding was used for the side wall. Colonial asphalt shingles for the roof. All of the buildings have clear Fir flooring. They are painted white and trimmed in green. Here is another camp owner that saved by getting his complete camp from us.



LAKE COTTAGES

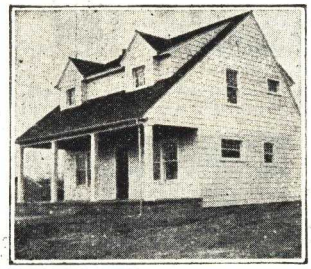
This photograph shows one of the many cottages, the materials for which were furnished throughout by us. This cottage is located on Kayutah Lake, four miles from Odessa and is the summer home of G. T. Jarvis, Elmira, N. Y. In constructing this cottage, our western Hemlock framing was used. The side walls are covered with clear novelty siding. The roof is covered with our best wood shingles. Both floors are covered with clear Fir flooring. The window frames are of weather proof construction and are made of clear Idaho Pine. The windows are the three over one design that look well on lake cottages. The inside walls are covered with Inso-board for insulation. In the living room one finds a fireplace built around our Heatilator unit. The porch on the right as we look at the photograph faces the lake front. During every spring and summer, people from all localities come to our yards to buy their cottage materials. They are convinced that they can save money by purchasing their complete cottage from us. Buy your cottage from us and save the difference.

A Few of the Complete Homes We Sold During 1932



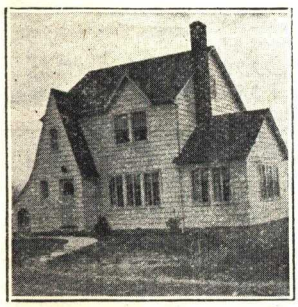
Carefully combined in this six-room home are grace, character, and comfort; so carefully have these three features been blended that this home will stand out as a thing of beauty in any community. It is located in Odessa and is the home of Mr. and Mrs. Carlton Travis.

Materials used throughout were of the highest quality obtainable. The framing material is of first quality western Hemlock. The sheathing material is first quality 6" kiln-dried Yellow Pine matched. The side walls are covered with clear Cedar 10" bungalow siding. The window frames, made of Idaho White Pine are of weather proof construction. The three over one windows that look very well on this type of dwelling, are made of clear White Pine; glazed with clear lustre glass, the ultra-violet ray glass. The interior walls are covered with gypsum lath and plastered two coats, the second coat is tan in color and has a fine textured finish. The flooring is beautiful, selected Oak, and the interior trim is clear Chestnut, back band design. The inside doors on the first floor are made of solid Chestnut, in the new one panel design, and are in perfect harmony with the rest of the interior. The second floor doors are Fir stained in oak. The lighting fixtures throughout are finished in old brass with champagne glass. The bathroom consists of a five foot recess tub, a closet combination and a modern pedestal lavatory. In the kitchen one finds a single drain board sink with top spout, mixing faucet. All the fixtures are equipped with chromium plated fittings. It is heated with our Superior Odessa Pipe Furnace. The roof is covered with our Speedlay shingles. A complete home from the first bag of cement for the foundation to the last pint of varnish for finishing the interior.



A distinctly beautiful home—whether you view it from the front, side or rear. A new home and architecturally different. This residence was built in Ithaca by G. E. Rowe, contractor.

The framing is made of first quality western Hemlock, 2 x 6 roof rafters, 2 x 8 second floor joists, 2 x 10 first floor joists. The frame is covered with 12" high quality fir boards, both as side walls and sub-floors. The side walls are covered with Perfection shingles, stained Dixie white. The roof is covered with 16" Perfect shingles, stained green. The window frames are made of clear Idaho White Pine and are of weather proof construction. The six over one windows are made of clear Pine and glazed with lustre glass, the ultra-violet ray glass. The inside walls are covered with gypsum lath and plastered, two coats, the second coat is tinted. This home is equipped with a Healtilator, the unit that makes a perfect fireplace. The flooring and interior trim are selected Oak. The interior doors in the one panel design are made of clear Fir and stained to match the Oak. The lighting fixtures are finished in gold and touched with soft shades of russet brown. The bathroom consists of a five-foot corner tub, a pedestal lavatory and a reverse trap closet combination, in the latest cut-corner designs. In the kitchen is a single drain board sink equipped with the newest design all-metal mixing faucet. This home is heated with our steam heating system. In the kitchen are included such built-in features as: ironing board, medicine cabinet and breakfast nook. Our 7-ply craft paper is used between the shingles and the side walls for better insulation. All interior trim is varnished or painted with our highest quality paints and varnishes. A real home at a substantial saving for this customer.

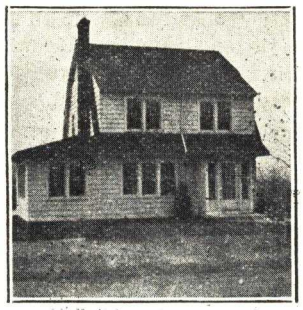


A modified English cottage style home. A permanent and substantial beauty is expressed in every line of this home. It was built on the outskirts of Ithaca during the past summer by Hack & Salo, contractors.

The materials used in building this home were the best obtainable. The framing material and 12" sheeting boards used for sub-floors and side walls and roof, are made of first quality western Hemlock. The side walls are covered with clear Cedar 10" bungalow siding. The roof is covered with our green tone Speed-lay shingles. The sun parlor and living room are equipped with French windows and the upper story with six over one windows. The frames are of weather proof construction. The inside walls are covered with insulating lath and plastered, two coats; the second coat is tan in color and has a rough textured finish. The flooring and interior trim is made of clear Oak. The two panel inside doors are made of clear Fir and stained to match the Oak. The lighting fixtures are finished in bank bronze with French crystal glassware. The bathroom is orchid in color and consists of a five-foot corner tub, pedestal lavatory and syphon jet closet combination, in the latest cut corner designs. In the kitchen is a double drain board sink with an 8" back, and 8" apron and is 8" deep. All the fittings are extra heavy brass, and plated with non-tarnishing chromium. This home is heated with our hot water heating system. The built-in features include: an ironing board, a medicine cabinet, telephone cabinet and breakfast nook. Our heavy craft paper is used between shingles and side walls for better insulation. A home that will not go out of style for many years to come.

Some houses are just houses. Others are homes. If a house is to have that spirit of home, it must be beautiful to look at and comfortable to live in. The illustration shown here is just such a home. This residence is located in Odessa and is the home of Mrs. Alta Gabriel.

The framing used is heavy weight western Hemlock, 2 x 6's for roof rafters, 2 x 8's for second floor joists and 2 x 10's for first floor joists. The frame is covered with first quality 8" Fir boards. The side walls are covered with 18" Perfect shingles, stained. The window frames are made of clear Idaho White Pine and are of weather-proof construction. The two light windows, that look well on large dwellings, are made of clear White Pine and glazed with lustre glass, the ultra-violet ray glass. The interior walls are plastered, two coats on gypsum lath and have a smooth white finish. The flooring is beautiful selected Oak. The interior trim on the first floor is Oak and on the second floor is Yellow Pine, both in the back band design. The doors on the first floor are made of solid Chestnut in the one panel design; second floor doors are made of clear Fir in the two panel design. All trim on the first floor is varnished with clear varnish and all trim on the second floor is painted with highest quality enamel. The lighting fixtures throughout are finished in old brass with shaded lamps. The bathroom consists of a five-foot leg tub, a round wall lavatory, and a syphon wash-down closet combination. The kitchen has a single drain board sink with apron. All fixtures are equipped with chromium plated fittings. This home is heated with our Superior Odessa Furnace. Each room has one or more registers. It is 28 feet wide and 32 feet long. We will gladly quote you on a duplicate of this home, complete, if you so desire.



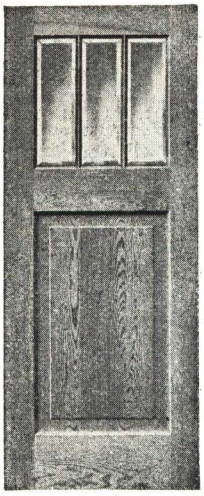
This type of home is always popular, always good and never goes out of style. The materials used in construction consist of: first quality western Hemlock for framing; 2 x 10's for first floor joists and 2 x 8's for second floor joists. The roof boards, sub-floors and sheeting materials are 12" first quality western Fir boards; the side walls are covered with clear Cedar, 10" bungalow siding and painted white. The window frames made of clear Idaho White Pine, are of weather proof construction. The six over one windows that are adapted to this type of home, are made of clear White Pine; glazed with clear lustre glass, the ultra-violet ray glass. The interior walls are covered with insulating lath and plastered, two coats, the second coat is light tan and has a semi-rough textured finish. Floors and trim, both upstairs and down, are made of clear Oak. All doors are made of clear Fir, two panel design, and are stained to match the rest of the interior. The lighting fixtures are finished in forged iron and old brass. The bathroom consists of a five-foot recess tub, a square apron wall lavatory and a reverse trap closet combination. The kitchen has a single drain board apron sink that has an 8" back, an 8" apron and is 8" deep. All fittings on the enamelware are made of genuine brass and plated with non-tarnishing chromium. It is heated with our hot water heating system. The roof is covered with 4 in 1 Asphalt shingles. A home that will improve in real estate value for the next seven years.

There are many reasons why this beautiful story and a half English design home will appeal instantly to the most discriminating home seeker. We believe that this is one of the most attractive homes for which we have furnished materials.

The framing used is first quality western Hemlock, 2 x 8's for first floor joists, 2 x 10's for second floor joists. High quality 8" Fir boards are used as sub-floors, roof boards, and to cover the frame. Window frames are made of clear Idaho White Pine and of weather-proof construction. The two-light windows are made of clear White Pine and glazed with lustre glass, the ultra-violet ray glass. The interior walls are covered with gypsum lath and plastered, two coats, the second coat is finished smooth and white. The floor and interior trim are first quality Oak. The inside doors are made of clear Fir in the two panel design and stained to match the Oak. The fire-place is built around the Healtilator unit, for fire-place efficiency. Tapestry bricks are used in making the chimney. The bath-room consists of a five foot tub, pedestal lavatory and syphon jet closet combination. In the kitchen is a double drain board sink. All the enamelware is equipped with the newest designed chrome plated fittings. It is heated with our new Superior Odessa Furnace. Lighting fixtures are finished in amber and gold. The side walls are covered with 18" Perfection shingles, stained green. The roof is covered with green hexagon asphalt shingles. Built-in equipment includes: ironing board, medicine cabinet and breakfast nook. Our 7-ply building paper is used between the shingles and the side walls on this home. The outside trim is painted white as a contrast to the green side walls and roof. The owner should rightly be proud of this home.

Save on Your Door Needs

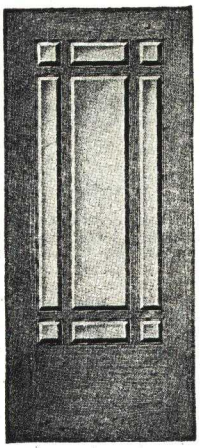
This page shows a list of doors in several styles and designs. Here is a door for your every need. Every year we order several carloads of doors direct from the western factories. By doing this we are able to buy at the bottom of the market. We make these savings your savings. When comparing prices, be sure that you compare the grades. Our doors are all first quality; our prices include delivery to your door. No freight or cartage to add. For designs not shown, write for special catalogue on doors.



BUNGALOW DOOR

This door is used with many types of architecture. The styles are made of clear, edge-grained Fir and the panels are made of Plywood. They are manufactured by expert craftsmen and the stock is carefully selected and kiln-dried. These doors are machine sanded, and ready for paint or varnish. It has one large panel and three vertical lights, glazed with clear glass. 1¾ inches thick.

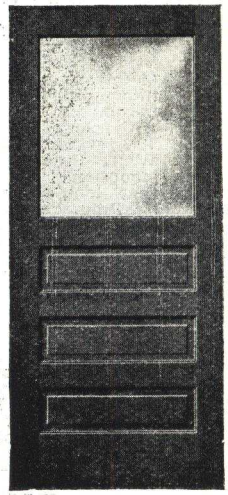
2 - 8 x 6 - 8	$5.95
3 - 0 x 6 - 8	6.10
2 - 10 x 6 - 10	6.10



FRONT DOOR

This is a very popular front door and one of our biggest sellers. It is made with clear White Pine and glazed with clear glass. The stock is kiln-dried and carefully selected, sanded and ready for paint or varnish. Comes 1⅜ and 1¾ inches thick.

2 - 8 x 6 - 8	1⅜ Fir	$4.95
2 - 8 x 6 - 8	1¾ Fir	5.85
2 - 8 x 6 - 8	1⅜ White Pine	6.40
3 - 0 x 6 - 8	1⅜ White Pine	7.05
3 - 0 x 6 - 8	1¾ White Pine	8.85
2 - 8 x 6 - 8	1¾ White Pine	8.45



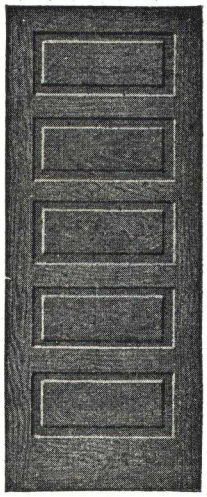
SASH DOOR

This door is architecturally correct, and will harmonize with new style homes. It is carefully constructed for strength and durability. We have it both in clear White Pine and clear Fir. It is carefully sanded and ready for paint or varnish. 1⅜ inches thick.

FIR	
2 - 6 x 6 - 6	$2.95
2 - 6 x 6 - 8	3.10
2 - 8 x 6 - 8	3.25
2 - 8 x 7 - 0	3.65
2 - 10 x 6 - 10	3.75
3 - 0 x 7 - 0	4.20
3 - 0 x 6 - 8	4.00
WHITE PINE	
2 - 6 x 6 - 6	$3.25
2 - 6 x 6 - 8	3.30
2 - 8 x 6 - 8	3.36
2 - 8 x 6 - 6	3.30

FIVE PANEL DOOR

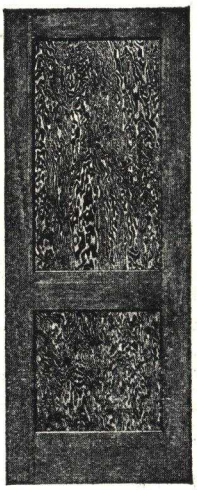
If you want a strong door and yet a good looking inside door, the five panel design would be your best bet. It is well constructed and made up to stand abuse. The style and rails are clear and edge-grained Fir. The panels are made of Fir plywood. 1⅜ inches thick.



2 - 0 x 6 - 0	$1.66
2 - 6 x 6 - 0	1.92
2 - 0 x 6 - 6	1.74
2 - 2 x 6 - 6	1.92
2 - 4 x 6 - 6	1.92
2 - 6 x 6 - 6	2.20
2 - 8 x 6 - 6	2.29
2 - 0 x 6 - 8	1.93
2 - 2 x 6 - 8	2.13
2 - 4 x 6 - 8	2.13
2 - 6 x 6 - 8	2.24
2 - 8 x 6 - 8	2.33
2 - 10 x 6 - 10	2.43
3 - 0 x 6 - 8	2.54
3 - 0 x 7 - 0	2.73

TWO PANEL DOOR

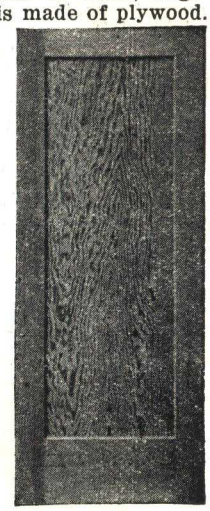
A good-looking, carefully made door that will give you years of service. The styles and rails are made of clear edge-grained Fir. The panels are made of Fir plywood. We sell several carloads of these doors every year and are able to offer you these attractive prices. 1⅜ inches thick.



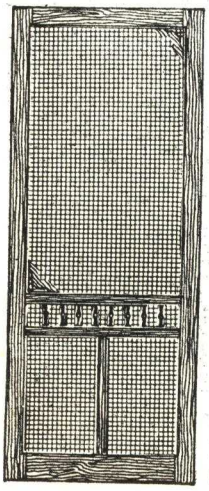
2 - 0 x 6 - 0	$1.66
2 - 6 x 6 - 0	1.92
2 - 0 x 6 - 6	1.74
2 - 2 x 6 - 6	1.92
2 - 4 x 6 - 6	1.92
2 - 6 x 6 - 6	2.20
2 - 8 x 6 - 6	2.29
2 - 0 x 6 - 8	1.93
2 - 2 x 6 - 8	2.13
2 - 4 x 6 - 8	2.13
2 - 6 x 6 - 8	2.24
2 - 8 x 6 - 8	2.33
2 - 10 x 6 - 10	2.43
3 - 0 x 6 - 8	2.54
3 - 0 x 7 - 0	2.73

ONE PANEL DOOR

This door is designed to be in harmony with any interior decorative scheme. It is a modern door for a modern home. The styles and rails are made of clear, edge-grained Fir. The panel is made of plywood. The work is surpassed by none. If you want something different, use the one panel door. 1⅜ inches thick.



2 - 0 x 6 - 0	$1.83
2 - 6 x 6 - 0	2.11
2 - 0 x 6 - 6	1.91
2 - 2 x 6 - 6	2.11
2 - 4 x 6 - 6	2.11
2 - 6 x 6 - 6	2.42
2 - 8 x 6 - 6	2.52
2 - 0 x 6 - 8	2.12
2 - 2 x 6 - 8	2.34
2 - 4 x 6 - 8	2.34
2 - 6 x 6 - 8	2.46
2 - 8 x 6 - 8	2.56
2 - 10 x 6 - 10	2.67
3 - 0 x 6 - 8	2.79
3 - 0 x 7 - 0	3.00



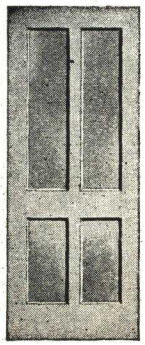
SCREEN DOORS

Our screen doors are made of clear Southern Pine. They are furnished with electro-galvanized wire cloth which make rusting almost impossible. They are made ⅞ in. thick, unless otherwise specified. Each door is covered with two coats of clear varnish to prevent warping, shrinking and checking.

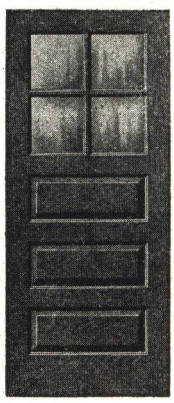
2 - 8 x 6 - 8 galv.	$2.45
2 - 10 x 6 - 10 galv.	2.65
3 - 0 x 7 - 0 galv.	2.85

FOUR PANEL DOOR

If you have a home that has four-panel doors, and you want to replace or add a door of the same pattern, this will be the door to use. It is made of No. 1 White Pine, carefully machined and ready to paint or varnish. 1⅜ inches thick. We carry this item at our Binghamton warehouses, accordingly, it would take three or four days to make delivery from Odessa, N. Y.



2 - 0 x 6 - 6	$3.36
2 - 4 x 6 - 6	3.70
2 - 6 x 6 - 6	3.89
2 - 0 x 6 - 8	3.41
2 - 4 x 6 - 8	3.78
2 - 6 x 6 - 8	3.94
2 - 8 x 6 - 8	4.12
2 - 0 x 7 - 0	3.70
2 - 4 x 7 - 0	4.07
2 - 6 x 7 - 0	4.25
2 - 8 x 7 - 0	4.44
2 - 10 x 7 - 0	4.62
3 - 0 x 7 - 0	4.83



FOUR LIGHT SASH DOOR

This door is made from clear Fir. It has three cross panels and four lights. The lumber used in making up this door is carefully selected and seasoned, and kiln-dried. The machine work is perfect. If you want an inexpensive door that can stand rough usage, and still have an attractive door, this will be the door to buy. 1⅜ in. thick.

2 - 8 x 6 - 8 ..... $4.25

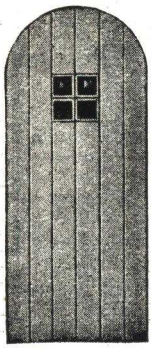
A Thousand Doors Always in Stock

COLONIAL FRONT DOOR

Choose the entrance to your home with care, for it is a direct reflection of your tastes and ideals. In this door, we offer you something that is readily adaptable to the small home or cottage. This door is made of clear White Pine, 1¾" thick; can be exposed to the weather; will not warp or shrink when finished. It is light, strong and durable. Takes stain and varnish, and is ideal for paint or enamel. This item is carried in our Binghamton warehouse and would take three or four days to make delivery after your order is in.

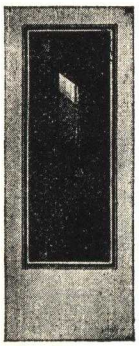
Size	Flat Panel	Raised Panel
2 - 8 x 6 - 8	$6.42	$10.38
3 - 0 x 6 - 8	6.90	10.82

CIRCLE TOP PLANK DOOR



Our Circle Top Plank Doors are correct in every detail. Heavy and massive in appearance, yet correctly proportioned. These doors give the principal entrance to your home an important note of beauty, in character with the design. They may be had in clear Chestnut, clear Cypress or clear White Pine. 1¾" thick. These doors are of slab construction, having a V-joint cut to give the effect of planks nailed together. This item is carried in our Binghamton warehouse and would take three or four days to make delivery after your order is in. Glazed with plain plate glass.

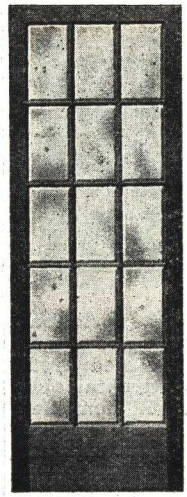
Size	Chestnut	Cypress	Pine
2 - 0 x 6 - 8	$30.88	$26.73	$24.79
3 - 0 x 6 - 8	34.88	29.11	26.95
2 - 8 x 6 - 8	36.18	30.22	27.95



ONE LIGHT FRONT DOOR

American in treatment, this door will give your home an air of hospitality and refinement. A door with generous sizes of glass; recommended for entrance doors where there are no side-lights. This door may be had in solid Chestnut, and clear White Pine. 1¾" thick. The lumber used is carefully selected, kiln-dried stock. The machine work and workmanship are the best to be had. This item is carried in our Binghamton warehouse and it would take three or four days to make delivery after your order is in.

Size	Solid Chestnut	Solid Pine
2 - 8 x 6 - 8	$10.81	$8.72
3 - 0 x 6 - 8	11.51	9.34



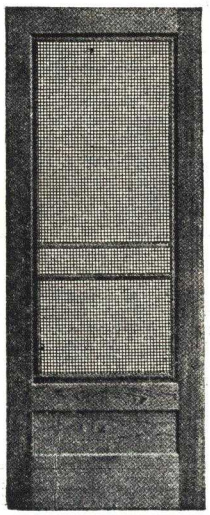
FRENCH DOORS

These doors are made of clear Fir, and glazed with clear glass. The glass is held in place by wood stops. French doors can be used in so many places, that probably right now you know where a pair would bring out that note of modern convenience and refinement. French doors are decorative in modern style, giving the home character and beauty. 1⅜" thick. We stock this door in both the clear White Pine and clear Fir. Fir is best suited for varnish; White Pine makes a better base for paint.

Sizes	Fir	White Pine
2 - 6 x 6 - 8	$4.50	
2 - 8 x 6 - 8	4.60	$5.40
2 - 0 x 6 - 8	3.95	
2 - 6 x 6 - 6		5.25

COMBINATION STORM & SCREEN DOOR

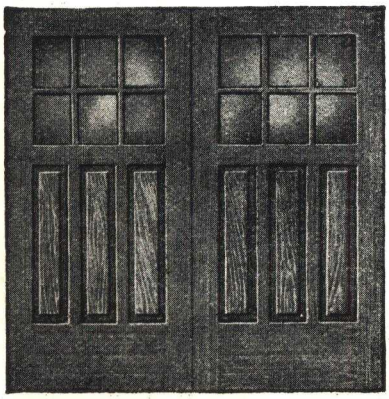
A storm door in winter, a screen door in summer. The sash or screen panel is held in place by a patented devise which eliminates the use of special tools, when changing from the screen panel to the storm panel. The door is made of clear White Pine and is 1¼" thick. No home should be without the combination door.



Sizes	Price
2 - 6 x 6 - 6	$4.80
2 - 6 x 6 - 8	4.80
2 - 8 x 6 - 8	4.95
2 - 8 x 7 - 0	5.05
2 - 10 x 6 - 10	5.15
3 - 0 x 7 - 0	5.25
3 - 0 x 6 - 8	5.25

GARAGE DOORS

Fir doors are manufactured in the West where all the Fir forests are located. When you buy these doors from most lumber dealers they have already been in the wholesaler's hands and there you have an expense that is revealed in your cost. Our doors are bought in carloads from the factories in the West and our selling price represents our handling charges and no expense connected with distributors, jobbers and retailers combined. These doors are carefully constructed out of old growth Fir by expert workmen. Do not confuse them with second quality doors. Edge-grained Fir is used for greater strength and rigidity. They will not warp or buckle; built to withstand hard usage.



TWO DOOR GARAGE SET

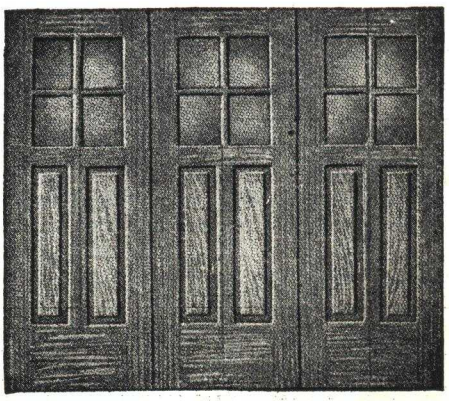
These doors are made of clear, first quality Fir. Each door has three vertical panels and six lights. Those who have used them tell us that our doors are better than any door that they are able to buy at the price. They are glazed with clear lustre glass.

Size		Prices
7-6 x 7-0	1⅜" thick	$9.25
7-6 x 7-6	1⅜" thick	9.25
8-0 x 7-6	1¾" thick	11.25
8-0 x 8-0	1¾" thick	11.25

THREE DOOR GARAGE SET

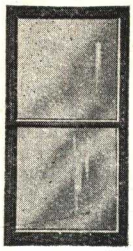
These triple doors open on the inside; fold up tightly. Each door has two panels and four lights of glass at top. When these doors are used to fold inside, your garage should be at least three feet longer than your car as these doors need at least three feet to operate properly. Each door is made of clear Fir and is first quality in every respect.

Size		Price
8-0 x 7-6	1¾" th'k	$11.95
8-0 x 8-0	1¾" th'k	11.95

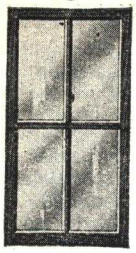


First Quality Windows and Sash

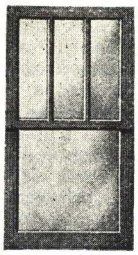
2 light



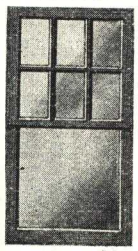
4 light



3 over 1



6 over 1

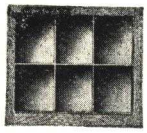


WINDOWS

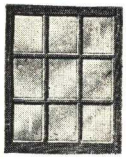
In the group of windows shown above you will find the style that will be suitable for most any type of home. Our windows are made of genuine California Sugar Pine, manufactured from nature's finest timbers. Sugar Pine is the best wood obtainable to resist weather. It is carefully seasoned, free from blemishes and defects. It is very soft and takes paint well. The glass used in our sash is the well-known lustre-glass, the flat drawn glass. All of our windows are 1⅜ inches thick. Mortise and Tenon construction at top and bottom of sash—thus no moisture can get in to rot the sash joints. Highest quality putty used in glazing. A check rail where the two sashes come together, make them rain-proof, dust-proof and wind-proof. The prices of our windows are with glass for the lower and top sash. In comparing prices be sure that the comparison is for glazed windows. On any sizes not shown, we will quote you prices on request.

4 light

6 light



9 light



12 light

BARN SASH

Our barn sash are glazed with lustre glass, and made of the best White Pine on the market for sash purposes. They are carefully machined and sanded. The glass is carefully graded and is firmly held in place by zinc points and the best putty. Each sash is 1⅛" thick, has a 2" top rail, a 3" bottom rail and 2" side rails. We carry the four light, 6 light, 9 light and 12 light sash in stock in the sizes shown.

Four Light			Nine Light		
Glass Size	Opening Ft.In. Ft.In.	Price	Glass Size	Opening Ft.In Ft.In.	Price
8 x 10	1 - 8 x 2 - 1	$ .51	7 x 9	2 - 1 x 2 - 8	$ .90
10 x 12	2 - 0 x 2 - 5	.65	8 x 10	2- 4 x 2 - 11	1.01

Six Light			Twelve Light		
Glass Size	Opening Ft.In. Ft.In.	Price	Glass Size	Opening Ft.In. Ft.In.	Price
7 x 9	2 - 1 x 1 - 11	.64	8 x 10	2 - 4 x 3 - 9	$1.35
8 x 10	2 - 4 x 2 - 1	$ .67			
8 x 12	2 - 4 x 2 - 5	.80			
9 x 12	2 - 7 x 2 - 5	.83			
10 x 12	2 - 10 x 2 - 5	.87			

CHECK RAIL WINDOWS

Check rail windows are used in all modern buildings. The check rail at the top of the bottom sash and the bottom of the top sash allows either upper or lower sash to be raised or lowered, without interfering with the other sash. Then, too, the check rail will stop at the center of the window, making a tighter joint—proof against wind, dust, rain and snow. In the old style plain rail window, either the upper or lower sash must be made stationary in the frame. One sash then slides against the other, when raised or lowered.

SASH FRAMES

We do not carry ready-cut sash frames in stock, but we do carry a complete line of frame material with which to build these frames. This list of material includes drip-cap, regular 1⅛ x 4½" casings, 1⅛ x 5¼" rabetted jambs, and 1¾ x 6¾" sill. This material is made from clear White Pine. Listed below is a price for the materials needed in making the different sized frames. If the size opening that you want is not shown, use the next larger size.

Size Opening Glass Size	Price
Up to 24 x 24	$1.90
Up to 30 x 30	2.15

JAMB PROOF PULLEYS

All of our weatherproof window frames are equipped with the new improved jamb proof pulleys. It is unbreakable, sash weight cannot hit wheel; made of wrought steel; weather and rust resisting finish. Is easy to cord or thread. Tubelike guide eliminates frayed cords. Pulley opening is completely covered, keeps out dirt, drafts and insects.

PRICES OF DOUBLE HUNG WINDOWS

Size of Glass	Size of Opening Ft.In. Ft.In.	Two Light	Four Light	Three Over One	Six Over One
14 x 14	1 - 6 x 2 - 10	$ .91	...	...	...
14 - 16	1 - 6 x 3 - 2	.91	...	...	...
14 x 18	1 - 6 x 3 - 6	1.01	...	...	...
14 x 20	1 - 6 x 3 - 10	1.01	...	...	...
14 x 24	1 - 6 x 4 - 6	1.14	...	...	...
16 x 16	1 - 8 x 3 - 2	.96	...	...	...
16 x 18	1 - 8 x 3 - 6	1.02	...	...	...
16 x 20	1 - 8 x 3 - 10	1.09	...	...	...
16 x 24	1 - 8 x 4 - 6	1.18	...	...	...
18 x 18	1 - 10 x 3 - 6	1.09	...	...	...
18 x 20	1 - 10 x 3 - 10	1.17	...	...	...
18 x 24	1 - 10 x 4 - 6	1.34	...	...	...
20 x 20	2 - 0 x 3 - 10	1.20	...	$1.45	...
20 x 24	2 - 0 x 4 - 6	1.34	...	1.60	$1.72
20 x 26	2 - 0 x 4 - 10	1.41	...	1.66	1.77
20 x 14	2 - 0 x 2 - 10	1.01	...	1.23	...
20 x 16	2 - 0 x 3 - 2	1.03	...	1.28	...
20 x 18	2 - 0 x 3 - 6	1.10	...	1.35	...
22 x 20	2 - 2 x 3 - 10	1.30	...	...	...
22 x 24	2 - 6 x 4 - 6	1.44	...	...	...
22 x 26	2 - 2 x 4 - 10	1.52	...	...	...
22 x 22	2 - 2 x 4 - 2	1.44	...	...	...
22 x 28	2 - 2 x 5 - 2	1.61	...	...	...
24 x 12	2 - 4 x 2 - 6	1.14	...	...	...
24 x 14	2 - 4 x 2 - 10	1.14	...	1.36	...
24 x 16	2 - 4 x 3 - 2	1.18	...	1.44	...
24 x 18	2 - 4 x 3 - 6	1.23	...	1.52	...
24 x 20	2 - 4 x 3 - 10	1.30	$1.30	1.56	1.66
24 x 22	2 - 4 x 4 - 2	1.44	...	...	...
24 x 24	2 - 4 x 4 - 6	1.49	1.48	1.75	1.85
24 x 26	2 - 4 x 4 - 10	1.52	1.56	1.76	1.87
24 x 28	2 - 4 x 5 - 2	1.61	...	1.87	...
24 x 30	2 - 4 x 5 - 6	1.73	...	1.95	...
26 x 20	2 - 6 x 3 - 10	1.41	...	1.66	...
26 x 24	2 - 6 x 4 - 6	1.53	...	1.78	1.88
26 x 26	2 - 6 x 4 - 10	1.61	...	1.87	1.96
26 x 28	2 - 6 x 5 - 2	1.76	...	2.02	2.15
26 x 30	2 - 6 x 5 - 6	1.92	...	2.17	...
26 x 14	2 - 6 x 2 - 10	1.18	...	1.40	...
26 x 16	2 - 6 x 3 - 2	1.34	...	1.60	...
26 x 18	2 - 6 x 3 - 6	1.41	...	1.66	...
28 x 20	2 - 8 x 3 - 10	1.55	...	1.81	...
28 x 24	2 - 8 x 4 - 6	1.65	...	1.90	...
28 x 26	2 - 8 x 4 - 10	1.76	...	2.02	2.15
28 x 28	2 - 8 x 5 - 2	1.86	...	2.14	2.22
28 x 30	2 - 8 x 5 - 6	1.90	...	2.17	...
30 x 20	2 - 10 x 3 - 10	1.62	...	...	...
30 x 24	2 - 10 x 4 - 6	1.73	...	1.95	...
30 x 26	2 - 10 x 4 - 10	1.90	...	2.17	...
30 x 28	2 - 10 x 5 - 2	1.94	...	2.19	...
30 x 30	2 - 10 x 5 - 6	2.18	...	2.43	...

HOW TO MEASURE FRAMES

In placing 2 x 4's allow 3½" on each side of your frame (or 7" in width). In placing headers and cripples allow 5" in height. These allowances are for single windows. In double or mullion windows, it would be necessary to make an opening 5" wider than single windows; for triple windows it would be necessary to make an opening 10" wider than single windows. Prices of window frames include all pockets cut in pulley styles as well as the new jamb proof pulley.

SASH WEIGHTS

To hang windows, four sash weights are required, each weighing ¼ weight of entire window. Our weights are standard diameter and length according to weight. We carry all standard size sash weights in stock.

Price per lb. .....$ .03

SASH CORD

Highest quality and priced lower than elsewhere. Woven from thread yarn made of select long fiber cotton, strong and flexible. Cord is ¼" in diameter, 100 ft. to the bundle.

Price per 100 ft.....$ .75
Medium Grade, per 100 ft.....$ .65

ONE LIGHT SASH

These sash are made of clear California Sugar Pine and are 1⅜" thick They have a 2" top rail, 3" bottom rail, and 2" styles. All sizes shown are carried in stock either at Odessa or Binghamton. Items marked thus (*) are at our warehouse in Binghamton and it would be necessary that you order them several days before you will be needing them.

One Light Sash

Glass Size	Opening Ft.In. Ft.In.	Price
10 x 12	1 - 2 x 1 - 5	$ .50
16 x 16	1 - 8 x 1 - 9	.54
16 x 20	1 - 8 x 2 - 1	.56
16 x 24	1 - 8 x 2 - 5	.64
20 x 20	2 - 0 x 2 - 1	.63
20 x 24	2 - 0 x 2 - 5	.69
20 x 26	2 - 0 x 2 - 7	.80
20 x 28	2 - 0 x 2 - 9	.82
20 x 16	2 - 4 x 1 - 9	.58
24 x 20	2 - 4 x 2 - 1	.69
24 x 24	2 - 4 x 2 - 5	.77
24 x 26	2 - 4 x 2 - 7	.85
24 x 28	2 - 4 x 2 - 9	.86
26 x 20	2 - 6 x 2 - 1	.80
26 x 24	2 - 6 x 2 - 5	.85
26 x 26	2 - 6 x 2 - 7	.92
26 x 28	2 - 6 x 2 - 9	.99
30 x 18	2 - 10 x 1 - 11	1.10
36 x 18	3 - 4 x 1 - 11	1.15

Over Six Thousand Windows and Sash in Stock

HOT BED SASH

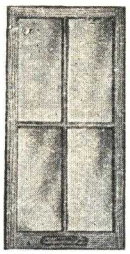
Hot bed sash give you an early start on your vegetables. Grow your own plants—protect your garden from early and late frosts—make more money with hot bed sash. With hot bed sash you keep your plants warm and growing twenty-four hours of the day. Since you can raise the sash during warm spring days and lower them at night, grows strong plants—you will like your own plants much better than those you buy. Made of clear White Pine with hardwood cross bars and Cypress upright bars. Glazed with clear glass. Sash are 1¾" thick.

Price $3.04

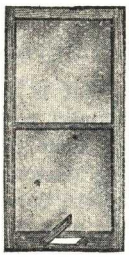
SPECIAL SIZE WINDOWS

Special sizes of windows and sash can be furnished if desired. They will cost you quite a little more than stock sizes, of course, and it will take a week or ten days to make them up to your order. When writing us for prices on special sash or windows, draw a sketch showing the number of lights in each sash; state whether your opening is to have two sash, one over the other, or two sash, side by side. State whether you want 1⅛" sash or 1⅜" sash and be sure to give the length and the width of the opening for which these sashes are being ordered. We do not take back special sash and would ask that you be very careful in ordering special work.

STORM SASH



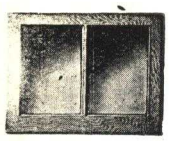
No matter how well made and how well fitted windows are, they are bound to let a lot of heat escape on cold winter days. The cold air rushing against the outside of the glass chills the glass and lowers the temperature in the vicinity of the windows of the room, from 10 to 15 degrees through radiation alone. Storm sash form a still air space between the two thicknesses of glass which serves as a blanket of insulation between the outside cold and the warmth of the room. The ease with which your house is kept warm in the coldest blizzard, when fully equipped with storm sashes, will surprise you. Storm sash will save one-third of your coal bill. Our storm sashes are made of clear White Pine, carefully manufactured and glazed with carefully selected and graded window glass, and flat surfaces are machine sanded without extra cost. They are built to last a lifetime. All of our storm windows are made full size width and 1½" longer than necessary to fit our standard frames. This allows for fitting. Each sash is 1⅛" thick. We stock both the two light and four light storm sash. We carry the following sashes in stock either here at Odessa or at our Binghamton warehouse. For flap ventilation at bottom of sash cost is 30c extra. You will note that we have not priced our storm sash in this catalogue. The reason for this is because storm sash are a seasonal item and the present prices would not apply next fall. Therefore we would ask that you write us for prices when you are needing storm sash.



STORM SASH

Two Light Size Glass	Size Opening Ft. In. Ft. In.	Four Light Size Glass	Size Opening Ft. In. Ft. In.
20 x 18	2 - 0⅛ x 3 - 7½	10 x 18	2 - 0¾ x 3 - 7½
20	3 - 11½	20	3 - 11½
22	4 - 3½	22	4 - 3½
24	4 - 7½	24	4 - 7½
26	4 - 11½	26	4 - 11½
28	5 - 3½	28	5 - 3½
30	5 - 7½	30	5 - 7½
32	5 - 11½	32	5 - 11½
24 x 18	2 - 4⅛ x 3 - 7½	11 x 18	2 - 2¾ x 3 - 7½
20	3 - 11½	20	3 - 11½
22	4 - 3½	22	4 - 3½
24	4 - 7½	24	4 - 7½
26	4 - 11½	26	4 - 11½
28	5 - 3½	28	5 - 3½
30	5 - 7½	30	5 - 7½
32	5 - 11½	32	5 - 11½
34	6 - 3½	34	6 - 3½
36	6 - 7½	36	6 - 7½
26 x 20	2 - 6⅛ x 3 - 11½	12 x 18	2 - 4¾ x 3 - 7½
22	4 - 3½	20	3 - 11½
24	4 - 7½	22	4 - 3½
26	4 - 11½	24	4 - 7½
28	5 - 3½	26	4 - 11½
30	5 - 7½	28	5 - 3½
32	5 - 11½	30	5 - 7½
34	6 - 3½	32	5 - 11½
36	6 - 7½	34	6 - 3½
28 x 20	2 - 8⅛ x 3 - 11½	36	6 - 7½
22	4 - 3½	13 x 18	2 - 6¾ x 3 - 7½
24	4 - 7½	20	3 - 11½
26	4 - 11½	22	4 - 3½
28	5 - 3½	24	4 - 7½
30	5 - 7½	26	4 - 11½
32	5 - 11½	28	5 - 3½
34	6 - 3½	30	5 - 7½
36	6 - 7½	32	5 - 11½
30 x 20	2 - 10⅛ x 3 - 11½	34	6 - 3½
22	4 - 3½	36	6 - 7½
24	4 - 7½	14 x 18	2 - 8¾ x 3 - 7½
26	4 - 11½	20	3 - 11½
28	5 - 3½	22	4 - 3½
30	5 - 7½	24	4 - 7½
32	5 - 11½	26	4 - 11½
34	6 - 3½	28	5 - 3½
35	6 - 7½	30	5 - 7½

Write for Present Market Prices

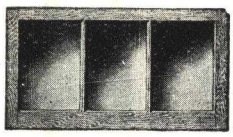


TWO LIGHT SASH

These sash are made of clear White Pine and glazed with clear glass. 2" stiles and top rail, 3" bottom rail. 1⅛" thick.

Glass Size	Opening Ft.In. Ft.In.	Price
12 x 20	2 - 4 x 2 - 1	$ .75
12 x 24	2 - 4 x 2 - 5	.85

THREE LIGHT CELLAR SASH



These cellar sash are made of clear White Pine and glazed with lustre-glass. The stiles and top rail are 2" wide, the bottom rail is 3" wide. 1⅛" thick. Come unfinished and ready for painting.

Glass Size	Ft.In. Ft.In.	Price
8 x 14	2 - 4 x 1 - 7	$ .60
8 x 10	2 - 4 x 1 - 3	.45
7 x 9	2 - 1 x 1 - 2	.44
8 x 12	2 - 4 x 1 - 5	.51
9 x 12	2 - 7 x 1 - 5	.51
9 x 13	2 - 7 x 1 - 6	.56
9 x 14	2 - 7 x 1 - 7	.56
10 x 12	2 - 10 x 1 - 5	.55
10 x 14	2 - 10 x 1 - 7	.57
10 x 16	2 - 10 x 1 - 9	.64

CASEMENT SASH

Our casement sash are made of clear White Pine and are 1⅜" thick. We carry in stock the six-light sash and the eight-light sash. Our illustrations show the single sash; these sash are used in pairs and can be hung to swing either in or out. These sash are well manufactured; carefully seasoned and kiln-dried. Glazed with the best window glass obtainable. Items marked (*) are at our warehouse in Binghamton and it would be necessary that you order them several days before you will be needing them.

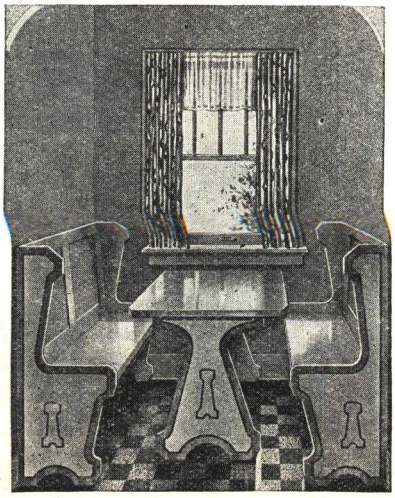
Six Light Glass Size	Opening Ft. In. Ft. In.	Price	Eight Light Glass Size	Opening Ft. In. Ft. In.	Price
*5 x 10	1 - 2 x 3 - 0	$ .80	*7 x 9	1 - 6 x 3 - 6	$1.00
*6 x 10	1 - 4 x 3 - 0	.85	8 x 10	1 - 8 x 3 - 10	1.05
*7 x 10	1 - 6 x 3 - 0	.90	*8 x 12	1 - 8 x 4 - 6	1.10
8 x 10	1 - 8 x 3 - 0	.95	*8 x 14	1 - 8 x 5 - 2	1.15

If Sash are to be rabbeted add 38c per pair

BREAKFAST NOOK

This popular design breakfast nook will save more steps than anything you could add to your home. Generous sized table with comfortable seats large enough for four adults but could take care of six. Can be used in a specially built nook, or both sides back up against walls, or in an open room or in a corner. Comes already to put together. All parts are sanded and ready for painting. Floor space required 5' 6" wide by 4' 6" deep. Table 2' 2" wide by 4' 0" long and 2' 6" high. Benches 1' 6" wide by 4' 6" long and 3' 0" high. Made of clear western White Pine perfectly machined. Furnished in the natural wood, ready for painting to match the finish of your woodwork. A great labor saver and more charm to your kitchen.

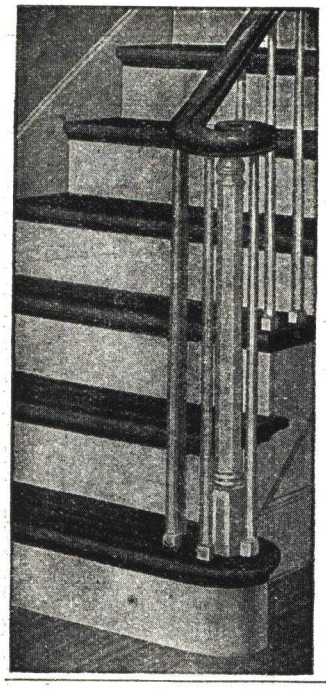
Price $14.95



ENCLOSE YOUR PORCH

Porches are intended for year round usage. Change your porch into a cheerful sun-room. An enclosed porch adds another room to your dwelling. Our six and eight light casement sash shown on this page are used for this purpose. We can furnish you all the material necessary to completely enclose your porch. If you want an idea of what it would cost you, just send us a rough sketch showing the exact dimensions of your porch. It will be better still if you can get to our yard in Odessa and go over the matter of enclosing your porch with our Mr. Carpenter.

Stairways and Stair Material



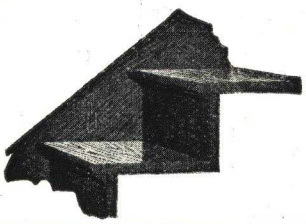
THE COLONIAL STAIRWAY

Here is a stairway that is especially designed for Colonial homes. No two Colonial stairs seem to be the same and for this reason we are not pricing a complete Colonial stairway. All our stair material is made from thoroughly kiln-dried select stock, carefully built and smoothly finished. All the items used in making up this stairway are priced below. You can arrive at the cost of it by using those prices. In ordering any items of Colonial work, it is necessary that you allow about 10 days to have your order made up, as we do not keep these in stock here at Odessa.

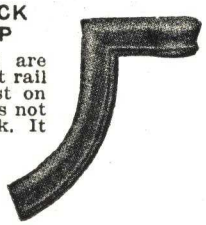
TREADS, RISERS AND STRINGERS

We carry treads, risers and stringers in stock in clear yellow pine and clear oak. Each tread and each riser is 3½ ft. long. They are dressed and machine sanded.

Treads, each	Yellow Pine	Oak
1⅛" x 10"	$ .50	$1.00
1⅛" x 12"	.60	1.20
Risers, each		
¾" x 7¼"	.30	.40
Stair Stringer		
1 x 10 per ft.	.09	.18
1 x 12 per ft.	.10	.25



GOOSE NECK WITH CAP



Goose necks are used to connect rail and newel post on landing. This is not carried in stock. It is made to your order and requires 10 or 15 days to get it. Is made of birch.

CH318 Price, each.....$7.60

EASEMENT WITH CAP

For bringing rail to proper level to meet newel head. Furnished in birch. Not carried in stock but made to your order, requiring 15 days to get it.

CH319 Price.....$6.00

STAIR SHOE

	Yellow Pine	Oak
Per lin. foot.....	$ .05	$ .07

SPINDLES

	Yellow Pine	Oak
⅞ x ⅞ per lin. ft.	$ .00¾	$ .01

STAIR BALUSTERS

Made of Birch and used with our Colonial stairs.

CH314

1¼ x 1¼ x 2'-1"	$ .39
1¼ x 1¼ x 2'-10"	.42
1¼ x 1¼ x 3'-3"	.45

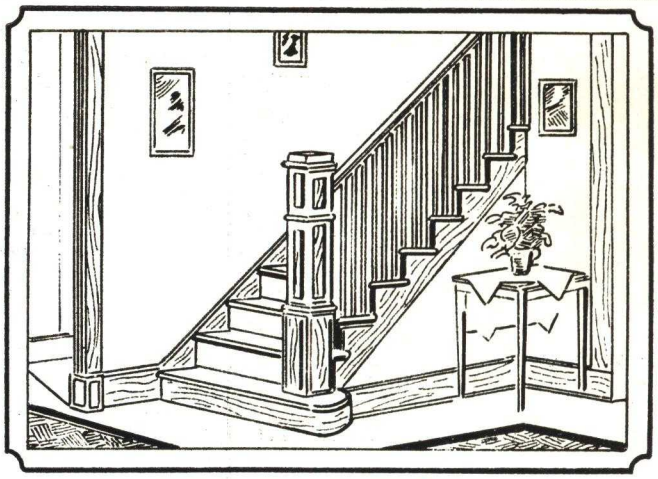
CH315

1¼ x 1¼ x 2'-7"	$ .39
1¼ x 1¼ x 2'-10"	.42
1¼ x 1¼ x 3'-3"	.45

NEWEL

These newels are made of birch and are used for our Colonial stair work.

CH312	3¼ x 3¼ x 3'-5"	$4.50
CH313	3¼ x 3¼ x 4'-10"	5.60



THE PLYMOUTH STAIRWAY

Here is a commonly used stairway at unheard-of low prices. Clear first quality materials are used throughout. It is 16 risers high, or 10 feet from first floor to second finished floor. Carried in stock in clear Yellow Pine and clear Oak.

	Yellow Pine	Oak
1—Starting Circle Tread and Riser Rev. right or left hand.....	$9.00	$10.00
15—Risers (1 x 8 - 3)	3.65	4.50
14—Treads	5.04	10.50
1—Landing Tread	.50	.75
14—Lin. Return Nosing.....	.56	.84
1—Paneled Starting Newel.....	6.00	7.00
8—Lin. Stair Rail.....	1.60	2.40
8—Lin. Stair Shoe.....	.80	1.60
8—Lin. Stair Fillet.....	.10	.15
24—Lin. 10" Wall Stringer.....	2.16	4.32
8—Lin. Face Stringer 12".....	.96	2.00
50—Lin. Cove Moulding.....	.50	.63
21—Square Balusters	.63	.80
Price on complete stairway, 16 risers high.....	$31.50	$45.49

THE STARTING NEWEL

This newel is modern and up-to-date. All newels are smoothed by hand and made from thoroughly kiln-dried stock. Height of newel is 4 ft. with 8 x 8 ft. base and 6 x 6 ft. shaft. Is suitable for open or closed stringboard. Base of post is 20" long allowing one or two risers.

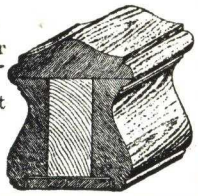
	Price Yellow Pine	Oak
CH250	$6.00	$7.00

ANGLE NEWELS

These newels are made from one inch lumber with glued lock joint. The lumber is carefully selected and kiln-dried, the same as most costly furniture. Made with a 5" shaft, and height is 5' 6". This item is carried in stock in clear Yellow Pine and clear Oak. These newels may be used as plain starting newels by sawing off 1' 6".

	Price Yellow Pine	Oak
CH260	$4.00	$6.00

STAIR RAIL



For use on our Plymouth stairway.

Per Lineal Foot
Yellow Pine $ .20
Oak $ .30

VOLUTE

This is made of birch. May be had either right or left. Not carried in stock but made to your order, requiring about 15 days to get it.

CH317 Price each $12.00

STAIR RAIL

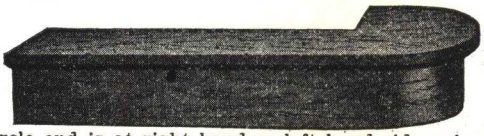
Used for Colonial stairs. Made of birch.

CH316 Price per ft...$ .38

STAIR FILLET

	Yellow Pine	Oak
Per lin. foot.....	$ .01	$ .02

CIRCLE END TREAD AND RISER



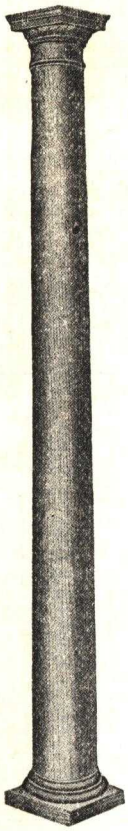
Use our stock treads and risers. They are made for both right and left hand ends. When ordering be sure to state whether the circle end is at right hand or left hand side going up the stairs. Tread and riser include cove moulding. Tread is 1⅛" x 11½" and riser is ¾" x 7".

	Yellow Pine	Chestnut	Oak
Price	$9.00	$9.00	$10.00

Highest Quality Porch Materials

All the porch work shown on this page is made from clear Douglas Fir, and is bought direct from the western factories in carloads. Fir is a splendid weather resisting wood of unusual strength for a soft wood. It takes paint readily and does not rot when exposed to the elements as many soft woods do. These qualities make it ideal for porch work. The columns, rails and newels shown here are of the best manufacturing. They are made from carefully selected material by expert workmen. All material is machined and smoothed and ready for paint. Columns and newels are all jointed and will not come apart when in use. Prices shown are unusually low, due to our immense buying direct.

IMPORTANT: Give columns a good coat of priming as soon as received, to keep out the moisture.



CH290

COLONIAL BUILT-UP COLUMNS

These columns are made of separate pieces firmly held by a lock joint and cemented by water-proof glue. They will not split or check like solid columns. Lighter in weight, more durable and just as strong. Tapered to one inch smaller diameter at the top. They are thoroughly kiln-dried. Our prices include caps and bases.

No. CH290

8" x 8" x 8'	$4.25
10" x 10" x 8'	5.75
10" x 10" x 10'	6.50

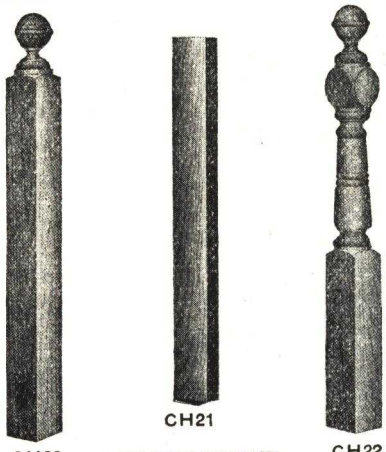
CH23

TOP PORCH RAIL

Made of clear fir. Size is 1¾ x 3⅜". Material is thoroughly kiln-dried and will not crack or warp. Comes sanded, smoothed and ready to paint.

No. CH23

Price, per lineal foot.....$0.07



CH20 CH21 CH22

SQUARE NEWEL

No. CH20

4" x 4" x 4'	$ .85
5" x 5" x 4'	1.20
6" x 6" x 4'	1.80

PORCH BALUSTERS

No. CH21

1⅜" x 1⅜" x 20"	Ea. $ .10
1⅜" x 1⅜" x 24"	Ea. .10
1¾" x 1¾" x 20"	Ea. .12
1¾" x 1¾" x 24"	Ea. .12

TURNED NEWELS

No. CH22

4" x 4" x 4'	$ .85
5" x 5" x 4'	1.00
6" x 6" x 4'	1.80

SOLID TURNED COLUMNS

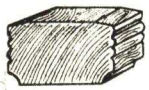
Made of clear fir. Carefully machined and sanded ready for paint. In ordering be sure to give size and length wanted. Sizes shown are before planing. After planing and finishing columns will measure about ⅝" less than sizes given. For dividing or splitting this column, add 15c to catalogue price.

No. CH295

4 x 4 x 8"	$1.30
4 x 4 x 9"	1.45
5 x 5 x 8"	2.15
6 x 6 x 8"	3.05

CH24

BOTTOM PORCH RAIL



Made of clear fir. Size 1¾" x 3⅝". Material is thoroughly kiln-dried and will not crack or warp. Comes sanded, smoothed and ready to paint.

No. CH24

Price, per lineal foot.....$0.07

CH295

Fir Plywood

Here is the best wall board on the market. It costs less than gypsum board and can be used for many more purposes. Made of Douglas Fir.

Use it for wall board, partitions, panels, cabinets, cupboard doors, display racks, signs, garage lining, table tops, shelves, toys, sun rooms, for form work, sub-floors, wall sheeting and many other purposes. It is stronger per pound than steel.

GOOD ONE SIDE

This grade is used for construction purposes, signs, garage linings, sub-floors, wall sheathing and other construction. It has one sound side.

In 1000 foot lots, $32.50 per M. Thickness: 5/16" sanded two sides to ¼".

Price per sheet as follows:

Size	4 x 6	4 x 7	4 x 8
Price	$ .84	$ .98	$1.12

GOOD TWO SIDES

This grade is used for all purposes where two sides are to be exposed. The back side is sound but may be made up of two pieces neatly joined and taped. Price per M feet, in 1000 foot lots, as follows:

4 x 6, 7, 8	$35.00
4 x 9, 10	40.00

Price per sheet as follows:

Size	4 x 6	4 x 7	4 x 8	4 x 9	4 x 10	4 x 12
Price	$ .96	$1.12	$1.28	$1.62	$1.80	$2.88

Thickness: 5/16", sanded two sides to ¼".

CLEAR TWO SIDES

Suitable for the finest work where both sides of the panel are to be exposed. Intended for natural or stained finishes. It is practical in every respect.

Price per sheet as follows:

4 x 6	4 x 7	4 x 8	4 x 9	4 x 10
$1.08	$1.26	$1.44	$1.80	$2.00

Thickness: 5/16" sanded two sides to ¼ inch.

HEAVY PLYWOOD ITEMS

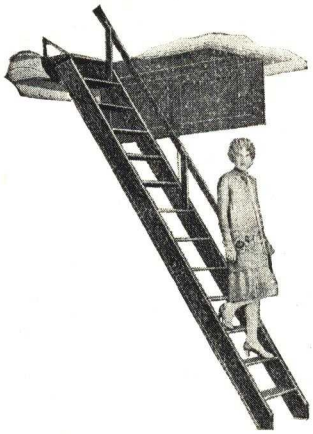
Thickness: ⅝" sanded two sides to 9/16".

Price .....$ .08 per Sq. Ft.

Thickness: 13/16" sanded two sides to ¾".

Price .....$ .10 per Sq. Ft.

(Stock in 4 x 8 only)



DISAPPEARING STAIRWAY

This stairway is one of our latest improved models and has the panel hinged on the side for the purpose of giving more room in a hall. By installing the stairway close to the wall where panel is hinged, it gives you space to pass between wall and stair stringers on opposite side, it can be used where space is limited. In pulling the panel down, the stair stringers will follow after it. You can go to the upper floor and pull the stairway after you and it can be let down from above by raising up on the end of stair stringers. This model is only furnished in sizes up to 9' 1" from floor to floor.

Any of these models will represent a salesman and help you to dispose of your home. Whether you have a bungalow or a two-story, you have added extra rooms by using our disappearing stairway, making it one of the biggest selling features about a home.

Price $29.50

Floor to Floor	Radius from Hinged End to Free Wall or Rafters. The Difference Plumb Up is 2" Less on Each Foot	From Front Edge of Stair Stringers to Landing, When Stair is Down on Floor	Finished Opening
7 ft. 7 in.	4 ft. 5 in.	5 ft. 6 in.	2 ft. x 5 ft. 6 in.
8 ft. 1 in.	4 ft. 10 in.	5 ft. 10 in.	2 ft. x 5 ft. 6 in.
*8 ft. 7 in.	5 ft. 2 in.	6 ft. 1 in.	2 ft. x 5 ft. 6 in.
9 ft. 1 in.	5 ft. 6 in.	6 ft. 6 in.	2 ft. x 6 ft.
9 ft. 7 in.	5 ft. 9 in.	6 ft. 10 in.	2 ft. x 6 ft.

Item marked thus (*) carried in stock; other sizes available within week or ten days.

Save on Your Interior Trim

FIR TRIM

Here is a trim that is made of clear Fir. It is well manufactured, carefully machined and sanded, ready for paint or varnish. Fir is a very satisfactory wood for painting. Good results may also be obtained by staining and varnishing. This wood is brownish-red in color and is quite soft. It is easily worked. Our records show that we bought a little over a million feet of Fir in the upper grades, during the past year ending December 31. In buying this quantity of material you can readily see that we are buying it on the bottom of the market. Our savings are your savings. Carried in stock in the plain, back band and cabinet head designs.

SPECIAL TRIM

In our catalogue we are pricing only the trim that we carry in stock. Through our mill connections we are able to quote you on Chestnut, Mahogany, Basswood and Cypress trim. Do not fail to get in touch with us if you want a price on these items mentioned, for your complete trim job.

HOW TO FINISH YOUR WOOD WORK

To finish Yellow Pine natural, smooth the surface by scraping with fine sandpaper or No. 0 steel wool. Dust thoroughly and coat the surface with our white or orange shellac. If a stained finish is wanted, stain with our oil stains before applying the shellac; and then when thoroughly dry, apply our highest quality Utilivar varnish for best results. To finish Oak trim after sanding, smooth and dust,, then stain with our oil stains and fill the hardwood with our paste filler. Oak can also be finished by omitting the stain and filling only with paste filler, which comes in light and dark oak; then apply a coat of our Utilivar varnish.

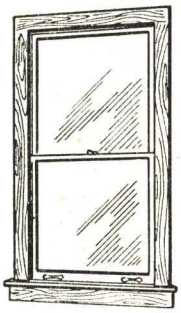
BASE-BASE MOLD-CARPET STRIP COMPLETE

Base	Mold	Carpet Strip	Price per lin. foot		
			Fir	Y. P.	Oak
¾ x 7¼	1″	1″	$.09	$.09	$.13
¾ x 5¼	1″	1″	.07	.07	.10
⅝ x 5¼	2″	1″			.07
¾ x 7¼	2″	1″	.10	.10	.14
¾ x 5¼	2″	1″	.08	.08	.11

See Prices of Mouldings on Moulding Page

PLAIN ROUND EDGED TRIM FOR WINDOWS

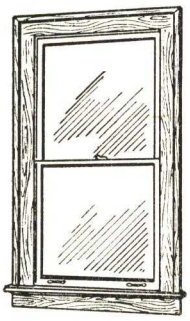
Any Size up to and Including	Each Set includes Head Casings, Side Casings, Stool and Apron Stops		
Glass Size	Clear Fir	Clear So. Pine	Clear Oak
20 x 20	$1.00	$ .85	$1.35
20 x 30	1.20	1.00	1.65
24 x 24	1.15	.95	1.60
28 x 28	1.35	1.10	1.75
30 x 20	1.15	.95	1.55
30 x 30	1.35	1.10	1.75
40 x 32	1.50	1.35	2.00



Trim for double windows figure twice as much as single—Triple windows figure three times as much as single. For opening size see window list.

BACK BAND TRIM FOR WINDOWS

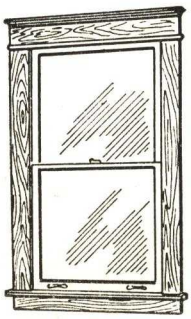
Any Size up to and Including	Each Set includes Head Casings, Side Casings, Back Band, Stool and Apron Stops		
Glass Size	Clear Fir	Clear So. Pine	Clear Oak
20 x 20	$1.05	$ .85	$1.45
20 x 30	1.35	1.10	1.80
24 x 24	1.15	.95	1.70
28 x 28	1.40	1.15	1.90
30 x 20	1.25	1.05	1.55
30 x 30	1.40	1.15	1.80
40 x 32	1.65	1.35	2.25



Trim for double windows figure twice as much as single—Triple windows figure three times as much as single. For opening size see window list.

CABINET HEAD TRIM FOR WINDOWS

Any Size up to and Including		Each Set consists of Cap Mouldings, Head Casings, Fillet, Side Casing, Stool and Apron Stops	
Glass Size	Ft.In.Ft.In. Wd. Ht.	Clear So. Pine	Clear Oak
24x24	2- 4x4- 6	$1.05	$1.65
24x28	2- 4x5- 2	1.15	1.90
30x30	2-10x5- 6	1.20	1.95
32x32	3- 0x5-10	1.35	2.10
40x34	3- 8x6- 2	1.40	2.25
44x36	4- 0x6- 6	1.50	2.45



Trim for double windows figure twice as much as single—Triple windows figure three times as much as single. For opening size see window list.

OAK TRIM

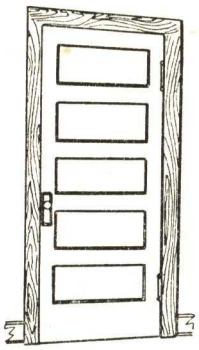
We have a large stock of oak trim on hand at all times. There are several reasons why no one else in this locality can sell you oak trim for as low a price as we can. For instance, we cut our own trees, saw the lumber at our hardwood mills and manufacture the complete procedure, from raw material to finished product, under one overhead. Our being able to do this eliminates three extra profits that are usually attached to getting the trim in the consumers hands. It is well manufactured and takes a beautiful finish. Oak trim never goes out of style. It increases the real estate value of your home. There is probably no other trim that is as practical as Oak.

SOUTHERN PINE TRIM

This trim is made of Yellow Pine and manufactured in the South. Material is sanded, smoothed, and ready for painting or varnishing. This wood can be stained to give the effect of oak, chestnut and various other hardwoods. If you want something between a soft wood and a hard wood, this trim would be best suited to your needs. It is quite a bit softer than oak and considerably harder than fir. We buy this material in solid carloads when the market is most favorable and for this reason are able to offer you real low prices. If you want the appearance of hardwood trim at a cost not higher than softwood this would be the item to order. Carried in stock in the plain, back band, and cabinet head designs.

PLAIN ROUND EDGED TRIM FOR DOOR ONE SIDE

Any Size up to and Including	Each Set Includes Head Casings and Side Casings		
Ft.In. Ft.In. Width H'ght	Clear Fir	Clear So. Pine	Clear Oak
2 - 8 x 6 - 8	$ .85	$ .70	$1.15
3 - 0 x 7 - 0	.90	.75	1.25
5 - 0 x 7 - 0	1.00	.85	1.40
6 - 0 x 8 - 0	1.15	.95	1.55
8 - 0 x 8 - 0	1.25	1.05	1.70

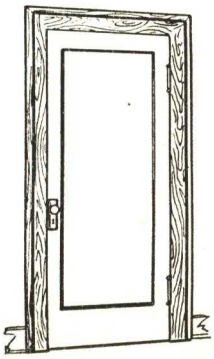


PLAIN ROUND EDGED TRIM FOR DOOR Both Sides

Any Size up to and Including	Each Set includes Head Casings and Side Casings, on both sides; jambs and stops.		
Ft.In. Ft.In. Width H'ght	Clear Fir	Clear So. Pine	Clear Oak
2 - 8 x 6 - 8	$2.95	$2.45	$3.70
3 - 0 x 7 - 0	3.15	2.60	3.85
5 - 0 x 7 - 0	3.55	2.95	4.20

BACK BAND TRIM FOR DOORS ONE SIDE

Any Size up to and Including	Each Set includes Head Casings, Side Casings, and Back Band for One Side		
Ft.In. Ft.In. Width H'ght	Clear Fir	Clear So. Pine	Clear Oak
2 - 8 x 6 - 8	$ .95	$ .80	$1.30
3 - 0 x 7 - 0	1.10	.90	1.45
5 - 0 x 7 - 0	1.20	1.00	1.60
6 - 0 x 8 - 0	1.35	1.10	1.90
8 - 0 x 8 - 0	1.50	1.25	2.10

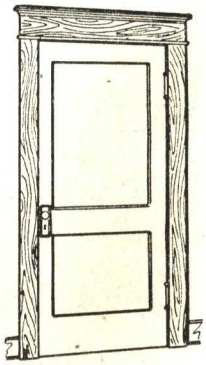


BACK BAND TRIM FOR DOORS TWO SIDES

Any Size up to and Including	Each Set includes Head Casings, Side Casings and Back Bands for both sides; jambs and stop		
Ft.In. Ft.In. Width H'ght	Clear Fir	Clear So. Pine	Clear Oak
2 - 8 x 6 - 8	$3.40	$2.85	$4 15
3 - 0 x 7 - 0	3.60	3.00	4.40
5 - 0 x 7 - 0	4.00	3.35	4.85

CABINET HEAD TRIM FOR DOORS ONE SIDE

Any Size up to and Including	Each Set consists of Cap Moulding, Head Casing, Fillet and Side Casing for One Side	
Ft.In. Ft.In. Width H'ght	Clear So. Pine	Clear Oak
2 - 6 x 6 - 6	$ .80	$1.30
2 - 8 x 6 - 8	.85	1.35
3 - 0 x 7 - 0	.85	1.45
6 - 0 x 7 - 0	1.10	1.80
8 - 0 x 8 - 0	1.45	2.30



CABINET HEAD TRIM FOR DOORS BOTH SIDES

Any Size up to and Including	Each Set consists of Cap Moulding, Head Casing, Fillet and Side Casing for both sides; jambs and stops	
Ft.In. Ft.In. Width H'ght	Clear So. Pine	Clear Oak
2 - 6 x 6 - 6	$2 85	$4.25
2 - 8 x 6 - 8	2.90	4.30
3 - 0 x 7 - 0	3.10	4.70
6 - 0 x 7 - 0	3.70	5.40
8 - 0 x 8 - 0	4.40	6.40

Idaho White Pine Frames

GLASS

We carry the lustre glass—the clear smooth glass. Every pane is made according to strict specifications, standard in every way and carefully inspected. Odd size light takes price of next largest size.

Size	Price	Size	Price
7 x 9	$ .07	18 x 20	$ .41
8 x 10	.08	18 x 22	.52
8 x 12	.10	18 x 24	.55
8 x 14	.12	18 x 28	.66
9 x 12	.11	18 x 32	.71
9 x 14	.13	18 x 36	.86
10 x 12	.12	20 x 20	.52
10 x 14	.15	20 x 22	.58
10 x 16	.17	20 x 24	.62
10 x 18	.19	20 x 26	.66
10 x 20	.22	20 x 28	.71
10 x 24	.26	20 x 34	.86
10 x 28	.32	20 x 36	1.00
10 x 30	.34	22 x 24	.66
10 x 32	.40	22 x 26	.71
12 x 14	.18	22 x 28	.77
12 x 16	.20	22 x 32	.95
12 x 18	.24	24 x 24	.77
12 x 20	.26	24 x 26	.77
12 x 24	.33	24 x 28	.86
12 x 26	.36	24 x 30	.95
12 x 28	.39	24 x 36	1.24
12 x 30	.46	24 x 40	1.36
12 x 32	.49	26 x 26	.86
12 x 34	.52	26 x 28	1.00
12 x 36	.55	26 x 30	1.11
14 x 16	.24	26 x 34	1.47
14 x 18	.27	26 x 36	1.36
14 x 20	.30	28 x 28	1.11
14 x 24	.39	28 x 32	1.36
14 x 26	.41	28 x 38	1.55
14 x 28	.52	28 x 40	1.96
14 x 32	.58	30 x 30	1.36
14 x 34	.62	30 x 32	1.36
14 x 36	.66	30 x 38	1.96
14 x 40	.73	30 x 40	1.81
16 x 20	.36	32 x 34	1.55
16 x 24	.44	32 x 42	2.67
16 x 28	.58	40 x 40	3.33
16 x 32	.66	42 x 48	4.95
16 x 34	.71	44 x 44	5.34
16 x 36	.73	44 x 46	4.95
16 x 44	1.00	46 x 48	6.69

PUTTY KNIFE

Best quality tempered steel blade. Solid redwood handle. Bound with polished brass ferrule.

Price, each.....$ .45

STEEL WHEEL GLASS CUTTER

These wheels are especially selected for glazier's work. Steel handle polished and bronzed.

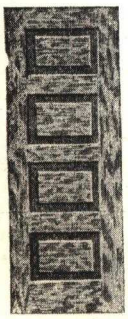
Price, each.....$ .15

GLAZIER POINTS

Sharp and perfectly made.

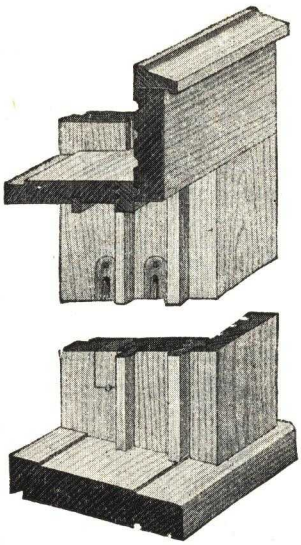
Price, per box....$ .10

CUPBOARD DOORS



Made of clear White Pine frame and veneered Fir panels. They are ¾" thick and the material from which they are made is suitable for paint or varnish. The illustration shows a cross panel door. We carry both the one panel and cross panel doors in stock. The prices shown below are for either type of door.

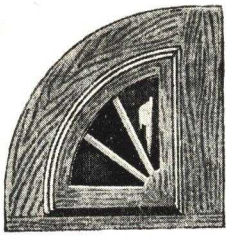
Size	Price	Size	Price
1 - 4 x 2 - 0	$ .90	1 - 8 x 3 - 6	$1.55
1 - 6 x 2 - 0	.90	2 - 0 x 3 - 6	1.70
1 - 8 x 2 - 0	.95	1 - 4 x 4 - 0	1.55
2 - 0 x 2 - 0	1.05	1 - 6 x 4 - 0	1.55
1 - 4 x 2 - 6	1.10	1 - 8 x 4 - 0	1.70
1 - 6 x 2 - 6	1.15	2 - 0 x 4 - 0	1.80
1 - 8 x 2 - 6	1.20	1 - 4 x 4 - 6	1.75
2 - 0 x 2 - 6	1.30	1 - 6 x 4 - 6	1.75
1 - 4 x 3 - 0	1.20	1 - 8 x 4 - 6	1.90
1 - 6 x 3 - 0	1.25	2 - 0 x 4 - 6	2.10
1 - 8 x 3 - 0	1.30	1 - 4 x 5 - 0	1.90
2 - 0 x 3 - 0	1.40	1 - 6 x 5 - 0	1.90
1 - 4 x 3 - 6	1.45	1 - 8 x 5 - 0	2.00
1 - 6 x 3 - 6	1.45	2 - 0 x 5 - 0	2.20



WEATHER-PROOF FRAMES

Our window and door frames are of wedge joint construction, and are storm-proof, as the name implies. The illustration shows what this means. The casings of these frames are tongued and grooved where they come together, making them wind proof. The drip cap at the top of the frame is grooved to the head casing. The sill is also grooved out in the same manner, so as to keep the drops of water from running onto the siding. These frames are made throughout of Idaho White Pine. It is a well-known fact that there is no better lumber than Idaho Pine for frames. They come unassembled, and are ready to be nailed together. The inside casings are made of 5/4" material; the jambs from inch material and the one piece sill from 2 x 8" material.

Window Frames				Door Frames			
Any Size up to and including Glass Size	Single Window Frames	Mullion Window Frames	Triple Window Frames	Any Size up to and including Wd. Ht.	With-out Sill	With Wh. P. Sill	With Oak Sill
24 x 24	$2.50	$5.50	$8.00	2-8 x 6-8	$3.25	$3.85	$4.50
30 x 30	3.00	6.00	9.00	3-0 x 7-0	3.25	3.85	4.50



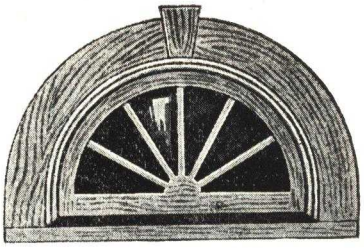
QUARTER CIRCLE SASH AND FRAMES

These sash and frames are made of clear White Pine. The sash are glazed with clear flat drawn glass, held securely in place with steel points and putty. Sash is 1⅜" thick. Opening size of frame is 2'-0" x 2'-1". Jamb is 5¼" wide. Two piece sill. Outside casings are 1⅛ x 4¼. If frames are wanted with plain drip cap add 75c.

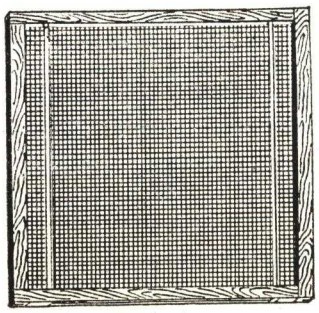
Opening Size	Sash Only	Frame Only
2 - 0 x 2 - 1	$5.64	$4.98

HALF CIRCLE SASH AND FRAMES

These sash and frames are made of clear White Pine. Sash are glazed with clear flat drawn glass, held securely in place with steel points and putty. The sash are primed with oil before glazing. Opening size of frame is 3 - 0 x 1 - 6. Sash is 1⅜" thick. Jambs are 5¼" wide. Two piece sill. Outside casings are 1⅛ x 4¼. If frames are wanted with plain drip cap add $1.12.



Opening Size	Sash Only	Frame Only
3 - 0 x 1 - 6	$8.00	$7.98



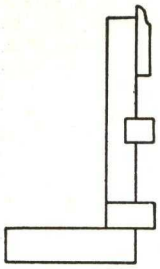
SLIDING WINDOW SCREEN

The housewife objects to upper window sash ventilation because it disturbs her curtains and draperies. So save the difference between full screen and half screens by buying our sliding half screen. It can be fitted and installed from the inside of the house —no ladders used. Easy to remove and replace when washing windows.

Size	Price
15 x 33	$ .40
18 x 33	$ .45

Mouldings for Every Purpose

FRAME PARTS



Outside Casings

No.	Size	Price Foot	Price 100
8840	1⅛ x 4¼	$ .07	$6.50

Blind Stop

8430	¾ x 1⅜	$ .01½	$1.15

Plowed Window Jamb

8431	⅜ x 4¾	$ .05	$4.50

Parting Stop

8432	½ x ¾	$ .01	$ .75

Window Stop

No.	Size	Price Foot	Price 100
8085	⅜ x 1⅝	$ .01½	$1.25

Window Sill

Size	Price per ft.
2 x 8	$ .20

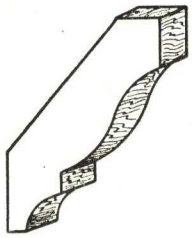
Door Sill

Size	White Pine	Oak
Price Ft.	$ .20	$ .25

Rabb. Door Jamb

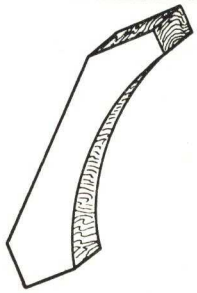
Size	Price Ft.
1 1/16 x 5¼	$ .09

All of our mouldings are made of clear White Pine, free from defects, and all flat surfaces are machine sanded to perfect smoothness at no extra cost. Because we sell huge quantities and buy direct, we can offer you highest quality mouldings at prices much lower than others must ask. Mouldings are sold in random lengths from 6 feet to 16 feet. When ordering by mail, be sure to give the name, number and size of the moulding wanted.



CROWN MOULDINGS

No.	Size	Price Foot	Price 100
8010	¾ x 2¾	$ .03	$2.55
8009	¾ x 3⅝	.04	3.60
8012	¾ x 4¼	.04½	4.25
8013	¾ x 4⅝	.05	4.50



SPRUNG COVE MOULDINGS

No.	Size	Price Foot	Price 100
8029	¾ x 3¼	$ .04	$3.40

BED MOULDINGS

No.	Size	Price Foot	Price 100
8030	¾ x 2¼	$ .03	$2.25

PICTURE MOULDING

No.	Size	Price Foot	Price 100
8265	¾ x 1¾	$ .02	$1.50

BED MOULDING

No.	Size	Price Foot	Price 100
8016	¾ x 1¾	$ .02	$1.50

COVE MOULDINGS

No.	Size	Price Foot	Price 100
8060	¾ x ⅞	$ .01	$ .75

WINDOW AND DOOR STOPS

No.	Size	Price Foot	Price 100
8098	½ x 1⅜	$ .01½	$1.25
8090	½ x 1⅝	.02	1.50
8091	½ x 1⅞	.02	1.50

LATTICE

No.	Size	Price Foot	Price 100
8281	⅝ x 1⅜	$ .01	$ .75
8282	5/16 x 1¾	.01½	1.00

QUARTER ROUND

No.	Size	Price Foot	Price 100
8053	½ x ½	$ .01	$ .75
8065	¾ x ¾	.01	.75
8076	¾ x 1⅜	.02	1.50

HALF ROUND

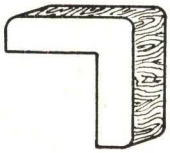
No.	Size	Price Foot	Price 100
8075	¼ x 7/16	$ .01	$ .75
8076	5/16 x ⅝	.01	.75
8078	½ x 1	.01	.75
8079	⅝ x 1¼	.01½	1.00
8080	¾ x 1⅝	.02	1.50

SCREEN MOULDINGS

No.	Size	Price Foot	Price 100
8611	¼ x ¾	$ .01	$ .65

SCREEN MOULDINGS

No.	Size	Price Foot	Price 100
8610	¼ x ¾	$ .01	$ .65



CORNER BEAD

No.	Size	Price Foot	Price 100
8238	1⅜ x 1⅜	$ .03	$2.75

GLASS BEAD

No.	Size	Price Foot	Price 100
8570	½ x 9/16	$ .01	$ .75

OAK CARPET STRIP

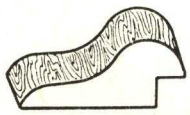
No.	Size	Price Foot	Price 100
8422	½ x ¾	$ .01½	$1.15

PANEL MOULDING

No.	Size	Price Foot	Price 100
8161	⅜ x 1	$ .01	$ .75

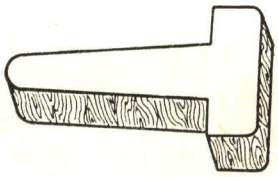
SCREEN MOULDING

No.	Size	Price Foot	Price 100
8139	5/16 x ⅝	$ .01	$ .65



RABBETED BASE MOULDING

No.	Size	Price Ft.	Price 100
8740	¾ x 1¾	$ .02	$1.50

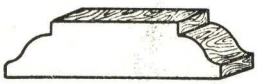


ASTRAGAL

No.	Size	Price Ft.	Price 100
8676	1⅜ x 2⅝	$ .06	$5.10

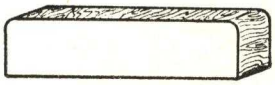
R. E. STOPS

No.	Size	Price Foot	Price 100
8543	½ x 1⅞	$ .02	$1.50



PANEL STRIPS

No.	Size	Price Foot	Price 100
8667	⅝ x 2¼	$ .03	$2.25



CHAIR RAIL

No.	Size	Price Ft.	Price 100
8627	⅝ x 2½	$ .03	$2.55

OAK THRESHOLD

No.	Size	Price 3'
8278	⅝ x 3⅝	ea. $ .25

Do Not Buy Until You See Us

Lumber for Every Purpose

DON'T FORGET ! ! ! ! !

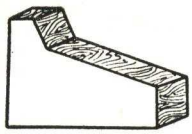
That in our stock you will find anything and everything with which to build a home, barn, poultry house, or outbuilding. You can readily see that by selling you lumber, plumbing, heating, electrical supplies and every other thing that goes into the house, we are eliminating many overheads and saving this money for you. Bring us your plans or a picture of your proposed home. We will tell you what it will cost you, ready to move into. We will also give you a price on labor if you so desire.

GRADES OF MATERIAL

At our various yards we have a series of showrooms where one will find samples of our materials with a grade mark on each. Descriptive literature and booklets pertaining to the grades of materials may be had for the asking. Numerous customers who came to our yards have discovered that many of our second and third grades of materials compare favorably with some so-called First Grades that they were quoted on. Beware of the small dealer who does not carry a complete stock; it is not uncommon for him to sell you a higher grade and deliver you a lower grade because of his inability to carry a complete stock. We carry all the grades manufactured and you can be your own judge as to the grade that best fits your requirements.

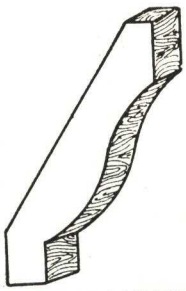
BASE MOULDING

No.	Size		Price Ft.	Price 100
8620	¾	⅞	$ .01	$ .75



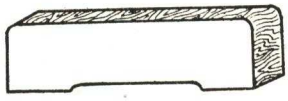
DRIP CAP

No.	Size	Price Ft.	Price 100
8283	1⅛ x 1⅝	$ .03	$2.75
8285	1⅛ x 2½	.04	3.50



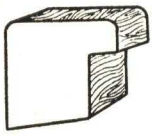
CROWN MOULDING

No.	Size	Price Ft.	Price 100
8004	¾ x 5¼	$ .06	$5.10



CASINGS

No.	Size	Price Foot Y. P.	Price Foot Fir	Price Foot Oak
8308	¾ x 5⅜	$ .03½	$ .03½	$ .05
8309	¾ x 4¼	.04½	.04½	.06

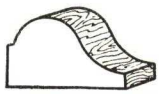


BACKBAND

No.	Size		Price Ft.	Price 100
8378	1⅛ x 1⅛		$ .02½	$2.00

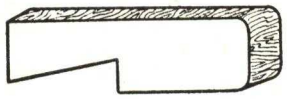
BASE MOULDING

No.	Size		Price Ft.	Price 100
8174	¾	1⅝	$ .02	$1.50



BRICK MOULDINGS

No.	Size	Price Ft.	Price 100
8036	¾ x 1¼	$ .02	$1.25
8037	1⅛ x 1⅜	.03	2.25



STOOL

No.	Size	Price Foot Y. P.	Price Foot Fir	Price Foot Oak
8669	¾ x 3¼	$ .03½	$ .03½	$ .05

COMPLETE HOMES

The illustrations that appear on page three are only a few of the many homes, the materials for which were furnished throughout by ourselves. When we speak of the complete list of materials, we mean every item that is needed in the construction of any home, such as: plumbing, heating, lumber, builders' supplies, and paints and varnishes. The people building these homes were not compelled to go to another dealer from the time the cellar was dug until the house was ready to move into. They simply bought their complete lists from us and forgot their worries as far as building materials were concerned. The fact that they were able to save time and worry was not the only inducement to buy from us. Most of these people had been planning to build six months before they actually started building, and having shopped around quite a bit they had a figure in mind as to what it would cost them. The procedure they followed in getting a price was costly in itself. It was necessary for them to call on eight distinct supply houses in order to get their complete figure. This took about two weeks time and then they were not sure whether everything was included. We spent two or three hours with each of these home builders, and when we were through they knew what the materials for their home was going to cost to the last dollar. After these homes were all completed, we called on several of the owners and compared our prices to the prices they had been quoted. This comparison showed that they saved between 17 and 25 per cent on the various homes, by getting their materials from us. The answer is simply this—eight small supply dealers buying in small quantities are not able to give you the values that we can with our immense buying and our system of complete home merchandising.

LUMBER ON THE FARM

Send for our 40-page booklet "Lumber on the Farm." It gives you directions for the most economical and effective methods of buying, storing and using lumber on the farm. It shows a number of approved farm building designs and a list of many sources of information on farm building plans. Use this book to help plan your new farm home or stock building.

LAYING OAK FLOORING

The laying of oak flooring is not difficult. Send for our 15-page pamphlet that tells how to lay, finish and take care of oak floors. This pamphlet tells all about the different grades, thicknesses and widths; how one may economize when laying oak floors. There are several ways of finishing oak floors; this booklet explains the procedure in each and which is the least expensive, and practical. If you are thinking of laying oak flooring, send for this booklet, it is free.

TELEPHONE CABINET

The phone is at convenient height for answering calls in standing position. Ugly accessories well hidden by this modern cabinet.

Use the hinged drawer as table to support phone or phone book. This table is very strong, being supported by metal fall supports as well as hinges.

Panel is easily removed, giving access to bell box, which can swing open inside of cabinet while connecting or repairing.

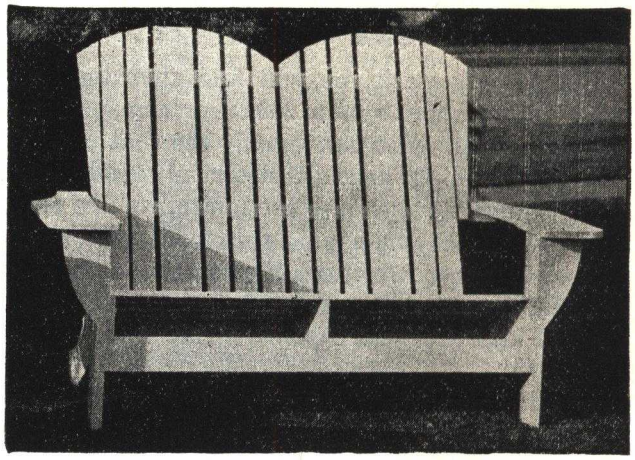
Made to fit between the studding with jambs extending over the plaster line ¾". Backband covers outer edge of casing and extends back to plaster line. Backbands are furnished long enough to permit mitering and fitting. Two metal fall supports are packed inside of cabinet. No other hardware furnished.

Size over all 17½" wide, 48½" high.
Rough wall opening 14" wide, 44¾" high.
Lower section large enough to accommodate phone book.

Price $8.50

Lawn and Porch Furniture

For rest and pleasure hours there is nothing you can add to your lawn, porch or cottage, to improve it more than this unpainted lawn furniture. These pieces are made from durable Douglas Fir which withstands hard usage and exposure to weather. They are light in weight and easy to move around. On home lawns, porches, apartment hotels, summer resorts, and cottages, bathing pools and beaches, tourists cabins, golf courses, public playgrounds and parks and wherever people congregate for play and rest, these lawn and porch pieces afford a unique combination of comfort, beauty and economy.



DOUBLE LAWN CHAIR

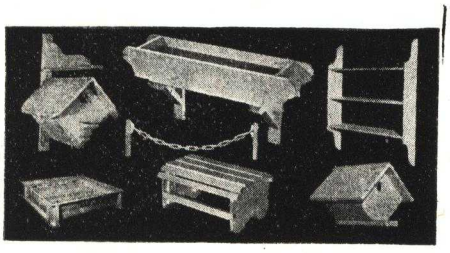
The illustration on the right shows a double lawn chair. Each piece comes unassembled in a carton box. For assembled chair add 50c to the prices shown.

Price $4.50

PORCH ROCKERS

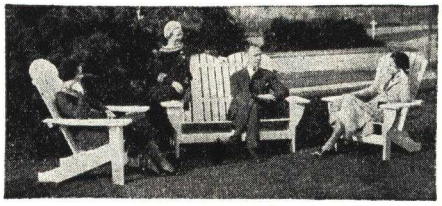
The form-fitting seat and extra wide back on these rockers have just the proper angle for complete relaxation. There is a handy place for newspapers, and magazines under the seats. A chair that will stand up under most any weather conditions.

Price ..... each $3.40



The pieces shown above consist of a bird house, a flower box and various other lawn items. These pieces are made of old growth Douglass Fir and will last indefinitely. They are packed in cartons, unassembled. Detailed illustrated directions are in every package. The only two items, in the above illustration that we carry in stock at this time is the bird house supported on a hanger and the flower box. Add 20c per piece if you want them nailed up.

Price—Bird House ..... $ .60
Price—Flower Box 1.50



THREE PIECE LAWN SET

The above illustration gives one an idea of the attractiveness of this furniture. Douglass Fir takes paint well and one may work out some pleasing color schemes if he so desires. The back legs on these chairs are rounded to prevent marring the lawn. Each piece comes unassembled and packed in a carton. If you want the three pieces assembled, add $1.50 to the price shown below.

Price, per set..... $10.50

TABLE

This table is made of clear Fir; carefully selected, thoroughly seasoned and well manufactured. It takes paint well and will last indefinitely. Comes unassembled; packed in a carton. Add 50c to the price shown if you want it assembled.

Price $2.25

LAWN CHAIR

This chair is made of carefully selected Douglass Fir. No home should be without several of these chairs. Large and roomy. Takes paint well. Comes unassembled. Add 50 cents to price shown if you want it assembled.

Price $3.00

JR. LAWN CHAIR

Made in the same way as the larger chairs except that they are smaller in size. They are strong and durable; withstands hard usage. Fir is an ideal wood for outside use. Comes unassembled. Add 50c to price shown if you want it assembled.

Price $1.75

JR. ROCKER

Large and roomy. A rocker that the children will enjoy. Carefully made to stand hard usage. Takes paint well. An attractive piece of furniture to add to your porch or lawn. Comes unassembled. Add 50c to price shown for assembled rocker.

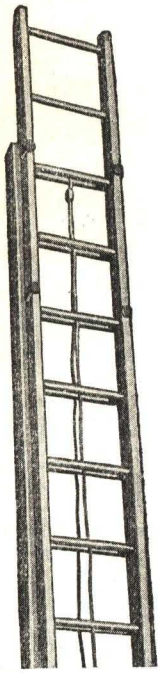
Price $2.00

Buy Your Complete Home Here and Save

LADDERS OF QUALITY

Like everything else that we handle, we buy these ladders in carloads and are able to make you some attractive prices on them. Do not confuse them with a competitive ladder.

Our ladders, both extension and straight, are made by capable craftsmen. The rails are made of clear Spruce and selected for strength. The rungs are made of clear Ash, the toughest of native hardwoods, and the ends of each rung are treated with aluminum paint to prevent their ever rotting. We carry a ladder for your every purpose—step ladders in all sizes for use around the house; single ladders for use on small buildings and utility purposes; fruit pickers' ladders; and extension ladders for painting and general use.



EXTENSION LADDER

20 ft.	each	$6.50
24 ft.	each	7.95
28 ft.	each	9.25
30 ft.	each	9.90
32 ft.	each	10.50
36 ft.	each	12.95
40 ft.	each	14.40

AERO EXTENSION LADDER

6 ft.	each	$2.70

SAFETY PLATFORM LADDERS

These are extension ladders with two folding platforms securely attached to the side rail of the upper section.

32 ft.	each	$22.00
16 ft., extra extensions	each	4.20

SAFETY TRUSSED PLANKS

These planks are 10 inches wide, 1⅛ inches in thickness. Light in weight and are equipped with steel cable trusses which increase the strength of the plank many times. The 14 ft. plank weighs four pounds and the 18 ft. plank weighs 65 pounds.

14 ft.	each	$5.70
18 ft.	each	7.80

LADDER JACKS

Our safety ladder jacks will save the profit for you on many a job—will give you more actual painting time and less dead loss for scaffolding. Putting a set in your equipment is a good investment.

Per pair $4.00

PREMIER STEP LADDER

Made of Southern Yellow Pine.

4 ft. Premier	each	$ .75
5 ft. Premier	each	.95
6 ft. Premier	each	1.15
7 ft. Premier	each	1.85
8 ft. Premier	each	2.10

MECHANICS STEP LADDER

Made of Northern Spruce.

5 ft. Mechanic	each	$1.80
6 ft. Mechanic	each	2.15
8 ft. Mechanic	each	2.85

HANDY ANDY LADDER

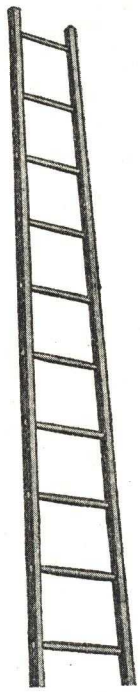
This ladder is just what the name says—handy. It is a good light extension. In less than a minute it is a trestle or step ladder. In another minute it can be separated into two single ladders. Every painter can find a thousand uses for this combination.

14 ft.	each	$4.90
18 ft.	each	6.25
20 ft.	each	7.00

ROOF JACKS

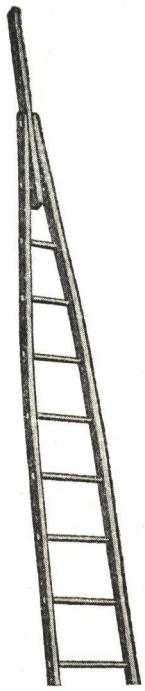
Here is a tool that cuts the cost of getting in and around tricky places—saves the expense of scaffolding around dormers and above porches. Easy to put up—on a slate roof simply slip the steel blade under a shingle and hook slot on nail. This holds the jack until weight is put on it, and then, the hooks grip into the edges of the slate and hold the jack absolutely rigid.

Per pair $5.75



STRAIGHT LADDER

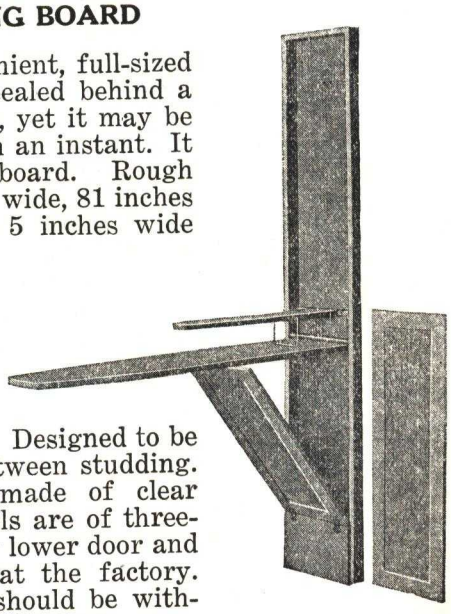
10 ft.	each	$2.50
12 ft.	each	3.10
16 ft.	each	4.15
20 ft.	each	5.50



FRUIT-PICKERS' LADDER

12 ft.	each	$3.00
16 ft.	each	4.00
20 ft.	each	5.50

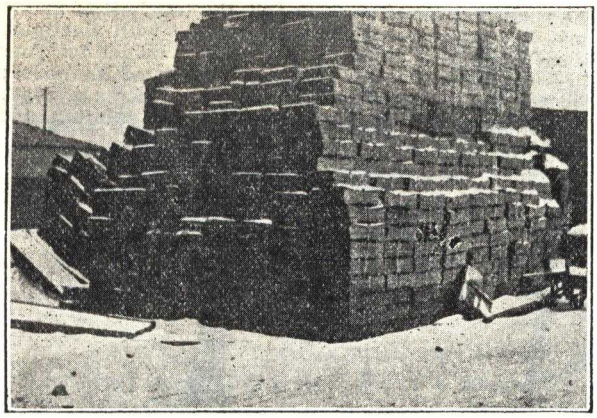
BUILT-IN IRONING BOARD



This modern, convenient, full-sized Ironing Board is concealed behind a beautiful cabinet door, yet it may be set up ready for use in an instant. It has a handy sleeve board. Rough opening size 14 inches wide, 81 inches long; sleeve board is 5 inches wide and 30 inches long, setting 5 inches above ironing board when in use. The board is supported by the lower panel, making a firm and rigid ironing surface. Designed to be built into the wall between studding. Frame and boards made of clear White Pine, and panels are of three-ply Fir. Hardware for lower door and main board applied at the factory. No up-to-date home should be without the built-in ironing board.

Price $4.75

Shingles in Train Loads



Three Cars of Wood Shingles

Small Part of Complete Stock

The above photo shows three carloads of 16″ 5-X Air-dried shingles. At the time this photograph was taken we had in stock three cars of Air-dried 5-X shingles as shown, two cars of 16″ kiln-dried shingles, three cars of 18″ Perfections and a little over two cars of the lower grades in other parts of the yard.

STAINED SHINGLES

Stained wood shingles on your side walls will make your old home new. There is nothing that you can add to the outside of your home that will improve its appearance and real estate value, as stained wood shingles. A shabby old house covered with wood shingles will increase its real estate value about five times the cost of the shingles applied. What other investment will bring you such returns. Our stained shingles are made from the best plain wood shingles obtainable. Write or ask for color card.

	16″	18″
Price	$8.50	$8.50

WEATHERBEST SHINGLE STAINS

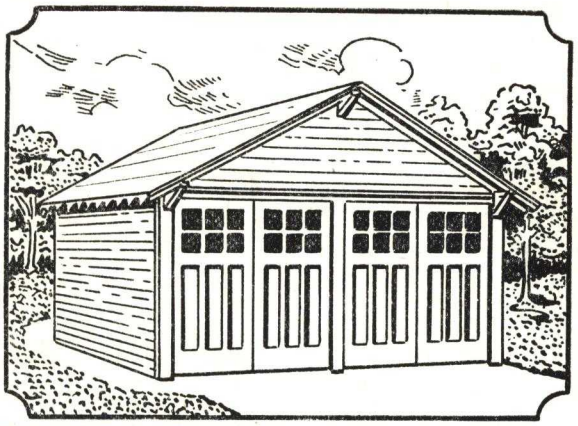
We carry a complete assortment of the well-known Weatherbest Shingle Stains. These stains are especially prepared for brushing unstained shingles or renewing the color of weathered stained shingles.

Weatherbest is the lowest priced Shingle Stain **per job** you can buy. This is because each gallon will cover more square feet and last longer. Also, our stain requires only one brushcoat, while other stains require two and more to give you a good job.

	Colonial White per gal.	All other Colors per gal.
Five Gallon Cans..	$2.85	$1.50
One Gallon Cans..	3.00	1.65

GARAGES

Here is a garage at a new low price. The framing material is first quality western Fir or Hemlock. The frame is covered with 1 x 6 first quality Fir cove siding. The roof is covered with 6″ Hemlock boards. It is roofed with green slate roll roofing. The doors are made of clear Fir glazed with clear glass. It has three sash, nine light 8 x 10; one on each side and one on the back. The doors, windows and corners are cased with No. 1 barn White Pine. A high quality garage that will pay for itself in a few years' time.



ONE CAR GARAGE, 10 x 16

6	2 x 4 - 16 Hemlock or Fir
6	2 x 4 - 10 Hemlock or Fir
44	2 x 4 - 8 Hemlock or Fir
300′	6″ Hemlock Boards
500′	6″ Novelty Siding
3	Rolls Green Slate Roofing
1	Pr. 7 - 6 x 7 - 6 Garage Doors
1	Set Hardware
200	lin. 1 x 4 White Pine
25	Lbs. No. 8 Box Nails
5	Lbs. No. 16 Com. Nails

Price $59.84

TWO-CAR GARAGE 18 x 18

14	2 x 4 - 18 Fir or Hemlock
45	2 x 4 - 8 Fir or Hemlock
20	2 x 4 - 12 Fir or Hemlock
700′	6″ Novelty Siding
500′	6″ Hemlock boards
5	Rolls green slate
2	Pr. 7 - 6 x 7 - 6 Garage Doors
2	Sets Hardware
3	9 lt. 8 x 10 sash
300	lin. 1 x 4 White Pine
50	Lbs. No. 8 Box Nails
20	Lbs. No. 16D Com. Nails

Price $103.74

WOOD SHINGLES

There are many reasons why our prices on wood shingles are always low. The price of shingles is the most unsteady item in the lumber market. It is not uncommon for shingles to change $1.00 per square in price within a month's time. We continually keep tabs on the shingle market and do not let any bargains slip by. Only several months ago there was a flurry in the shingle market and our buyer was able to purchase ten cars during one afternoon, at an unheard-of price. It goes without saying that one is able to buy ten cars at a much lower unit price than he would be able to buy one car.

Many of our customers do not realize what a tremendous shingle business we do. The railroad records show that we have unloaded 30 cars of shingles in the past year. In buying this quantity, we are able to satisfy our requirements from the best shingle mills in the West. It is to their advantage that we are given the best they have. We can safely say that there is no place in the East that can supply you with better wood shingles than those we handle. Never in the history of the manufacture of red cedar shingles were they so low as they are at the present time. When you look at our prices and realize that it costs $1.65 per square for freight alone from the western mills, you can readily see that the shingle mill is not getting a very large price for its shingles. In fact, they are getting only one-third of what they were getting four years ago at the mill.

At the present time your dollar for wood shingles represents more value than any other material used for roofing purposes.

THE 16″ 5-X AIR-DRIED SHINGLE

Here is the 5-X shingle that is Air-dried. They are made of genuine Red Cedar. Each shingle is clear, vertical grained and free from all sap. The butts of five shingles are 2″ thick. Where else can you buy a perfect 16″ Air-dried shingle at this price?

Price per square.....$3.60

THE 18″ PERFECTIONS

Many of our customers take our 18″ shingle and use it for sidewall purposes. This makes your home much warmer in winter and increases its real estate value considerably. These shingles are made of genuine Red Cedar. Every shingle has a vertical grain, free from any and all sap and is clear and perfect in every respect. The butt end of 5 shingles is 2¼″ thick.

This is the best 18″ shingle made.

Price per square.....$4.10

8″ CLEAR BUTT SHINGLE

Here is a shingle that is used principally for patch work. It is a 16″ shingle with an 8″ clear butt. They are made of genuine Red Cedar. Not recommended for new work.

Price per square.....$3.20

THE 16″ 5-X KILN-DRIED SHINGLE

This is the shingle that is commonly known as the 5-X shingle. They are made of genuine Red Cedar. Each and every shingle is clear, all vertical grain, and free from any and all sap. The butt end of 5 shingles is 2″ thick, commonly called 5 - 2 shingles. This is the best 16″ shingle made.

Price per square.....$3.75

16″ DIMENSION SHINGLE

These shingles are the same as our 5-X shingles in grade. Each shingle is 5″ wide and 16″ long. Made of genuine Red Cedar and free from all imperfections.

Price per square.....$4.75

24″ ROYALS

These shingles are perfect in every respect. They are free from any and all blemishes or defects. They are 24″ long and used mostly for side wall purposes. A house with these shingles, stands out. The wide exposure attracts attention. Each square will cover 100 sq. ft. if laid 10″ to the weather. The butts of four shingles are 2″ thick.

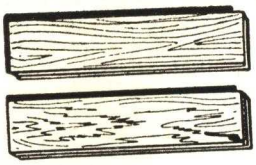
Price per square.....$6.50

COVERAGES AT VARIOUS EXPOSURES

A square of 16″ shingles laid at a 5″ exposure will cover 100 sq. ft., laid 5½″ to the weather will cover 110 sq. ft.; laid 6″ to the weather will cover 120 sq. ft.; laid 6½″ to the weather will cover 130 sq. ft.; laid 7″ to the weather will cover 140 sq. ft.; laid 7½″ to the weather will cover 150 sq. ft. It is not practical to lay 16″ shingles over 7½″ to the weather for sidewall purposes. A square of 18″ shingles laid 5½″ to the weather will cover 100 sq. ft.; laid 6″ to the weather will cover 110 sq. ft.; laid 6½″ to the weather will cover 120 sq. ft.; laid 7″ to the weather will cover 129 sq. ft.; laid 7½″ to the weather will cover 138 sq. ft.; laid 8″ to the weather will cover 148 sq. ft.; laid 8½″ to the weather will cover 157 sq. ft. It is not practical to lay 18″ shingles over 8½″ inches to the weather. In using wood shingles for roofing purposes, it is not advisable to lay 16″ shingles more than 5″ to the weather. The other exposures mentioned above are in reference to side wall shingles. It takes about 3-lb. of galvanized shingle nails for each square of wood shingles.

Come to Our Yard—See the Quality of Our Material

Flooring of Every Description



FIR FLOORING

Fir flooring is so familiar to practically anybody who uses any flooring, that there is little use for us to go to any length in describing it. We carry a stock of Fir flooring that varies from two hundred thousand feet to three hundred thousand feet at practically all times, so you can see from this that you have one of the largest stocks in the whole State of New York to select from when buying this kind of flooring.

B. and BTR. Fir Flooring

This grade is practically 100 per cent clear, very nicely machined, smooth, thoroughly kiln dried, and excellent stock. Carried in both flat grain and vertical grain. We recommend the use of vertical grain entirely where the floor is going to have more or less constant wear, as vertical grain will not splinter up, and will outwear practically two to one flat grain flooring. However, if the floor is to be kept varnished, the flat grain answers every purpose of the vertical grain, and is fully as good looking. Flat grain is used almost exclusively for barn siding and other outside paint work, although the vertical grain is superior for this purpose but is more expensive.

B. & BTR. Fir Floorings Sizes	Price Per M Random Lengths From 4 to 20′ 90% 8 to 20′	Price Per M Specified Lengths 4, 5, 6, 7, 8, 9, 10, 18, 20 ft.	Price M 4 to 7′ Random Lengths	Price Per M 12 and 14′ Lengths	Price Per M 16′ Lengths
1x4 Flat Grain	$40.00	$40.00	$35.00	$42.00	$44.00
1x4 Vertical Gr.	50.00	52.00	.....	54.00	56.00
5/4x4 Vert. Gr.	55.00	56.00	.....	58.00	60.00

"C" Fir Flooring

This is the second grade in Fir flooring. It is practically clear. It contains very few if any knots, and only occasional pitch pockets. It is suitable for most all practical purposes, and will lay practically 100% without waste.

"C" Fir Flooring Sizes	Price Per M Random Lengths From 4 to 20′ 90% 8 to 20′	Price Per M Random Lengths 4 to 7′	Price Per M Specified Lengths 4, 5, 6, 7, 8, 9, 10, 18, 20′	Price Per M 12 & 14′ Lengths	Price Per M 16′ Lengths
1x4 Flat Grain	$34.00	$30.00	$34.00	$36.00	$38.00
1x3 Flat Grain*	34.00	30.00	34.00	36.00	38.00
1x6 Flat Grain	42.00	36.00	42.00	44.00	46.00
1x4 Vertical Gr.	42.00	36.00	42.00	44.00	46.00

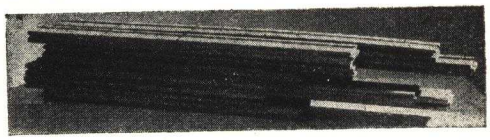
* The quotation on the 1 x 3 "C" Fir flooring shown above is subject to the lengths available, as we carry a smaller stock than the other items shown.

"D" Fir Flooring

This flooring will lay 100% sound with from 5 to 10 per cent of waste. Its use is recommended largely for chicken houses, brooder houses, second and third floors in cheap houses, and other places where a sound floor is desired with some cutting. It is not recommended where a clear floor is desired. We are quoting this item in specified lengths, but do not recommend paying the extra price for these specified lengths, as most of the longer lengths are likely to have to be cut to lay a tight floor.

"D" Fir Flooring Sizes	Price Per M Random Lengths 4 to 20′ 90% 7 to 20′	Price Per M Random Lengths 4 to 7′	Price Per M Specified Lengths 4, 5, 6, 7, 8, 9, 10, 18, 20′	Price Per M 12 & 14′ Lengths	Price Per M 16′ Lengths
1x4 Flat Grain	$30.00	$26.00	$30.00	$32.00	$34 00

OAK FLOORING



For years we have been the outstanding dealers in Oak flooring in this section of the country. We handle carload after carload of this flooring and we are sure that no one is in position to offer you values that approach the values that we offer in Oak flooring.

Most of you are so familiar with Oak flooring that we need to tell you little about its beauty and the richness that it adds to your home; how easily it can be laid over old floors; the money it will save you in carpets and rugs; how easy it is to take care of, etc.

We carry a stock in excess of one hundred thousand feet of Oak flooring at all times, and yet we turn this stock over so fast that you can practically be assured of getting fresh stock at all times.

13/16 x 2¼″ Oak Flooring counts 1 x 3″
1/2 x 2″ Oak Flooring counts 1 x 2½″
3/8 x 2″ Oak Flooring counts 1 x 2½″
3/8 x 1½″ Oak Flooring counts 1 x 2″

Note under separate heading how to figure your room for necessary amount of Oak flooring needed to cover it.

Clear or First Grade Oak Flooring

In this grade of flooring we offer a flooring that is practically 100% clear. It is suitable for any and every purpose for which an Oak floor is practical. There is no better grade of flooring made, and we handle the very best manufactured stock possible to obtain. In this grade we can offer better lengths than in the lower grades, although all our flooring is exceptionally long lengths for each particular grade. Guaranteed lengths as per grading rules. 2′ and up, not to exceed 20% under 4′. Average lengths, 5′.

13/16″ x 2¼″ Clear White Oak, per M $80.00
13/16″ x 2¼″ Clear Red Oak, per M 75.00
3/8″ x 2″ Clear White Oak, per M 65.00

Select or Second Grade Oak Flooring

This grade is nearly clear, containing only occasionally a very fine pin knot, an occasional very small pin worm hole, and slight discolorations. When finished, it gives you practically the same effect as the clear except that it has more variation in color. Guaranteed lengths as per grading rules 1¼′ and up, average length, 4′.

		Per M
13/16″ x 2¼″	Select Red Oak	$65.00
13/16″ x 2¼″	Select Red Oak, packed in bundles to average 1¼′ long.	38.00
1/2″ x 1½″	Select White Oak	52.00
3/8″ x 2″	Select White Oak	54.00
3/8″ x 1½″	Select White Oak	48.00
1/2″ x 2″	Select White Oak	58.00
3/8″ x 2″	Shorts 15″ average	33.00

No. 1 Common or Third Grade Oak Flooring

This grade is the largest selling grade in Oak flooring. It contains more or less pin worm holes, quite a bit of discoloration, and occasionally a check and small knot. However, when this floor is finished, especially with a dark stain, it gives a very pleasing effect, and is fully as durable as the higher grades. Lengths: bundles to be 1¼″ and up long, average lengths, 3′.

13/16″ x 2¼″ No. 1 Common White Oak, per M $52.00
1/2″ x 2″ No. 1 Common White Oak, per M 44.00
1/2″ x 1½″ No. 1 Common White Oak, per M 36.00
3/8″ x 2″ No. 1 Common White Oak, per M 35.00
3/8″ x 1½″ No. 1 Common White Oak, per M 32.00

No. 2 Common Oak Flooring

This grade of Oak flooring may contain defects of all characters, but will lay a serviceable floor with but very little cutting. Recommended only for the cheaper construction such as granaries, mill floors, etc. Bundles 1¼″ and up, average length 2½′.

13/16″ x 2¼″ Mixed Oak, per M $32.00
1/2″ x 2″ Mixed Oak, per M 24.00

MAPLE FLOORING

Our Maple flooring is produced by one of the largest and best mills in the country. We do not hesitate to recommend it for any and all purposes where Maple flooring is desired, and we guarantee it to be second to none in quality. Finished size, 25/32 x 2″.

First Grade Maple Flooring

This grade is clear and is a superior product in every respect. We do not hesitate to recommend it for any high grade dance floor, kitchen floor, or anywhere that an exceedingly hard, smooth floor is desired. End matched and good lengths.

Price, per M $88.00

Second Grade Maple Flooring

This grade of Maple flooring is nearly clear, the main defects being slight discolorations and occasionally a pin knot. Recommended where a hard, smooth, sound, long wearing floor is desired. End matched and good lengths.

Price, per M $72.00

TUPELO GUM FLOORING

This flooring was introduced in this section by us. It has been used for years in the south, and many large southern public buildings, such as school houses, court houses, stores, etc. It is also used extensively in dwelling houses. It is a tough, light colored, and durable wood, well machined, and easy to lay. It offers practically the same results as Oak except that it does not take as nice looking a finish. It is cheaper in price than Oak. The grading on this flooring is practically the same as on Oak. Finished size is 25/32″ x 2¼″.

Prices	Per M
1 x 3″ Clear Tupelo Gum Flooring	$50.00
1 x 3″ Select Tupelo Gum Flooring	42.00
1 x 3″ No. 1 Common Tupelo Gum Flooring	35.00

Third Grade Maple Flooring

This grade we recommend only for the cheaper construction and places where a sound floor is desired at a low cost. This grade contains some sound knots and other defects. Suitable for granaries, mill floors, temporary dance floors, and the like. End matched; fair lengths.

Price, per M $50.00

CEDAR FLOORING

We carry this in a No. 2 Common grade. It is made from the same kind of lumber from which wood shingles are made, and we recommend its use for places where the floor is to be continuously exposed to moisture, and where only a sound floor is desired. This grade will lay a sound floor with a small amount of cutting.

Price, per M $28.00

CYPRESS FLOORING

We carry a limited stock of this flooring in a heart grade, and recommend it for porches, boat houses, and other places where the floor will be continuously exposed.

1 x 4″ Clear Heart, per M $60.00

WHITE PINE FLOORING

We recommend this for barn doors, garage doors, and purposes of this kind. White Pine paints very easily and is light and stays in place. This flooring contains more or less knots, but if shellacked and painted, will answer every purpose for which it is intended.

Price, per M $50.00

Siding—Ceiling—Flooring

FIR NOVELTY SIDING

This makes an ideal siding for garages, barns, poultry houses, and outbuildings.

"B" and Btr. Fir Novelty Siding

This grade is clear, excellent lengths, and suitable for any and all purposes for which Novelty Siding may be used.
¾" x 6", good lengths.....$45.00 per M

"C" Novelty Siding

A sound grade, practically clear. Contains very rarely a very small knot, and occasionally a pitch pocket. Recommended for practically all purposes, and is our best selling grade.
¾" x 6" .....$38.00 per M
⅝" x 6" ..... 32.00 per M

CEDAR LOG CABIN SIDING

We are able to offer you in our Cedar Log Cabin Siding probably the most durable of all woods for this purpose. Our log cabin siding has just enough knots to make it look realistic, and at the same time not damage it for the purpose. Our stock is excellent lengths; it is run from 2 x 8's and counted as 2 x 8's.
Price .....$48.00 per M

BOAT SIDES

We have always enjoyed a very large trade in lumber for boat sides and other boat work. Unfortunately boat lumber must be of the very highest quality, which makes the price rather high, although we believe our prices are lower than general prevailing prices on lumber of this kind.
14" and 16" - 16' Clear Cedar. Light and everlasting. Price, per foot.....$ .18
14" to 21" - 16' Clear Heart Cypress. Especially selected for boat work. Price, per foot..$ .20
You will find listed under other heading, many items of lumber which may be used for boat work.

SOUTHERN OR YELLOW PINE FLOORING

In this flooring we offer some of the outstanding values in flooring. You will note that our stocks are very complete. Our Pine flooring is manufactured largely by one of the best and largest flooring mills in the south. The workmanship and grade is second to none.

B. and Btr. Y. P. Flooring

This grade runs practically 100% clear, and is suitable for all and every purpose where a durable and nice looking floor is desired. We especially recommend our close grain rift sawed flooring for all purposes where it is to have excessive wear. Our vertical flooring is practically equal in wearing qualities to hardwood flooring. All our high grade Yellow Pine flooring is worked as smooth as a hound's tooth, and we are positive that it will please you.
1 x 3" Near Rift Flooring.....$55.00 per M
B. and Btr. true Vertical Grain Y. P. flooring, largely 8' to 16' lengths.
1 x 3" .....$64.00 per M
1 x 4" ..... 64.00 per M
B. and Btr. Flat Grain, practically all 8' to 16' lengths.
1 x 3" .....$44.00 per M
1 x 4" ..... 44.00 per M

No. 2 Common Yellow Pine Flooring

In our high grade No. 2 Common Y. P. flooring you will find numerous knots, but few, if any, of them are loose. This grade of flooring is suitable for practically all purposes where a sound, good wearing floor is desired.

	Per M
1 x 4" No. 2 Common Dropping	$30.00
1 x 3" No. 2 Common Dropping	$30.00
1 x 4" Competitive grade containing some loose knots	27.00
1 x 6" Kiln Dried Yellow Pine flooring, largely 8' to 16' long	30.00

All of our Yellow Pine flooring is thoroughly kiln dried.

"D" Novelty Siding

Our third grade in Novelty Siding. This grade contains more or less defects, occasional loose knots, some planer skips, more or less pitch pockets, etc. It is quite a large selling grade, and offers good value for medium priced construction; paints well, and is well machined except for occasional planer skips.
¾" x 6" .....$30.00 per M

In figuring the amount of novelty siding necessary, add approximately 25% to the surface measure.

CEILINGS

We carry a varied line of ceilings for all purposes, such as, porch ceilings, exposed cornice, partition, and many other purposes. To arrive at the amount of ceiling you may need multiply the length by the width, to get the number of surface feet. On the 4" ceiling add one-third of the area to the surface feet; on the 6" ceiling add one-fifth.

7/16" x 4" Clear Yellow Pine Ceiling

Edge and center beaded one side. Clear stock.
Price .....$30.00 per M

⅝" x 4" B and Btr. Fir (Clear)

This material is edge and center beaded both sides. Price .....$36.00 per M

¾" x 4" Clear Yellow Pine

Edge and center beaded both sides. This item makes a nice looking ceiling, varnished with clear varnish. Price.....$40.00 per M

¾" x 6" Fir

"C" Grade nearly clear. Assorted lengths. Edge and center beaded both sides.
Price .....$42.00 per M

¾" x 6" Clear Cedar Ceiling

Good lengths, beautiful lumber; soft and easy to work. Rot resisting. Price.....$55.00 per M

¾" x 6" No. 1 Hemlock

Edge and Center beaded one side.
Price .....$34.00 per M

END MATCHED YELLOW PINE FLOORING

In end matched Y. P. flooring one can probably buy more value per dollar than any other kind of flooring sold. There is no waste to laying end matched flooring, and although the lengths are short, it will not, in most cases take any longer to lay it than it does plain end flooring in longer lengths, and the completed floor gives you practically the same effect as plain end. An erroneous opinion has developed to the effect that end matched flooring should only be laid over a subfloor. This is not true. End matched flooring may be laid over the joists without subfloor and make a perfectly satisfactory job.
1 x 4" flooring is finished 13/16" x 2¼"
1 x 3" flooring is finished 13/16" x 2½"
1 x 6" flooring is finished 13/16" x 5¼"

Prices

	Per M
1 x 4" B. and Btr. End Matched Yellow Pine, 1' to 4' long	$27.00
1 x 3" No. 2 Common, end matched Yellow Pine, 1' to 7' long	22.00
1 x 6" No. 2 Common, end matched Yellow Pine, 2' to 8' long	32.00

BEVEL AND BUNGALOW SIDING

We are in position to buy siding in immense quantities and are able, therefore, to quote you these attractive prices. To arrive at the amount of siding needed, it is necessary to add one-fourth to your surface on the 6 inch siding and one-fifth on the 8 inch and 10 inch siding to allow for the lap.

½" x 6" Clear Cedar Siding

All clear, vertical grain, elegant paint surface, free from sap. Price.....$42.00 per M.

½" x 6" "A" Cedar Siding

All clear, some flat grain, very small amount of sap. Excellent lengths, fine paint surface. Price.....$38.00 per M.

½" x 6" "B" Cedar Siding

Some small defects. More or less sap. Largely flat grain. An excellent siding for the money. Price.....$30.00 per M.

½" x 6" Short Cedar Siding

3 to 7 feet long. All clear. Mixed grain. A real buy. Price.....$28.00 per M.

½" x 6" Clear Spruce Siding

Soft and white. To satisfy an exacting buyer. Price.....$40.00 per M

½" x 6" Clear Grey Fir or Western Hemlock Siding

All clear and good lengths. A big seller. Takes paint well. Price.....$30.00 per M.

½" x 6" "C" and Better Western White Pine Siding

Practically clear. Favorite with many. A clear White Pine at a low price.
Price .....$42.00 per M.

½" x 6" E. Pondosa White Pine Siding

Some small knots. A competitive item but a "humdinger" at the price, and suitable for ordinary purposes. Price.....$25.00 per M.

½" x 8" "A" Cedar Siding

Clear. More or less flat grain, some sap. A good seller, and paints well.
Price .....$45.00 per M.

½" x 8" Clear Cedar Siding

Real low in price, practically the same appearance as the thicker siding, and serves practically the same purpose.
Price .....$50.00 per M.

¾" x 8" "A" Cedar Bungalow Siding

Price .....$65.00 per M.

¾" x 10" Clear Cedar Bungalow Siding

The most popular item in the bungalow line. Thick edge, well machined, and suitable to the specifications of most any architect. Price.....$75.00 per M.

¾" x 10" Clear White Pine

Price .....$75.00 per M.

¾" x 10" "A" Cedar Bungalow Siding

A good seller, all clear, some flat grain, very small amount of sap. Excellent lengths. Fine paint surface. Price.....$70.00 per M.

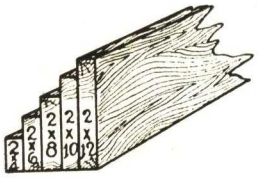
¾" x 12" "A" Cedar Bungalow Siding

Wide and clear. It adds richness to any house. Quickly applied. Easy to paint and lasts a lifetime. Price .....$85.00 per M.

The above list covers practically everything in siding. You can see all the siding on display at our yard. Don't buy siding until you see what we have to offer you. We have over 200,000 feet of siding in stock, and are experts in this line.

One-Half Million Feet of Siding Always in Stock

Framing—Sheathing—Finish Lumber



WESTERN HEMLOCK AND FIR FRAMING

In framing lumber we carry a very large assortment of sizes and grades. While but very few people do it, everyone should consider the quality of lumber that goes into the frame of his house or other buildings because after all, no building is better than its frame. In our stock you will find a very large assortment of everything in framing lumber. We can offer you a grade for every purpose.

No. 1 Western Hemlock or Fir D4S, ¼" Scant	Price Per M 8' to 14' Inclusive	Price Per M 16'	Price Per M 18' and 20'	Price Per M 22' and 24'
2x4's to 2x8's	$31.00	$33.00	$35.00	$39.00
2x10's	32.00	34.00	36.00	40.00
2x12's	33.00	35.00	37.00	41.00

Sound Grade Western Hemlock and Fir, D4S, ⅜" Scant

This lumber is an excellent product in every way. It is dry stock, well manufactured, kept under shelter by us, and is suitable and entirely satisfactory for all small house construction, small barns, garages, hen houses, repair work, etc. It is an outstanding value.

Sound Grade West. Hemlock and Fir, D4S ⅜" Scant	Price Per M 8' to 14' Inclusive	Price Per M 16', 18' and 20'
2x4's, 2x6's, or 2x8's	$28.00	$30.00
2x10's	29.00	31.00
2x12's	30.00	32.00

YELLOW PINE FRAMING

We carry a very complete stock of Yellow Pine framing. We recommend this more especially for temporary construction and for form work, etc., where the lumber is to be re-used.

Yellow Pine Framing	Price Per M 10' to 16'	Price Per M 18' & 20'
2x6's, & 2x8's	$27.00	
2x10's	29.00	$32.00
2x12's	29.00	35.00

No. 2 Native Hemlock, Dressed Four Sides, ¼" Scant

A high grade product. Thoroughly dry, suitable for all ordinary purposes, contains a small amount of shake and slightly larger knots than the No. 1 grade. The stock is put up largely in a grade that does not allow defects that seriously impair the strength of the piece. This is a special item, and one of which we have only ten cars available, and we have it only in 2x6's to 2x12's inclusive, and in 10' to 20' lengths.

While it lasts we can make a special price on it of .....**$25.00** per M

ROUGH HEMLOCK FRAMING

Rough Hemlock Framing	Price Per M 8' to 14'	Price Per M 16'
2x4's to 2x10's	$30.00	$32.00
2x12's	30.00	34.00

All other special sizes in rough Hemlock sawed to order, and prices on application.

LARGE AND SMALL BILL TIMBERS

Native Hemlock Rough or Dressed	Price Per M 8' to 16'	Price Per M 18' to 20'
4x4's to 6x6's	$34.00	$36.00

CEDAR CLOSET LINING

Every home should have cedar lined closets. They cost no more than plaster walled closets, when building a new home. Keeps fine, valuable furs and silks safe from marauding moth. Comes in carton package. End matched ⅜" thick.

Price, per foot .....$ .07

LARGE AND SMALL BILL TIMBERS

Rough Hemlock	Price Per M 8' to 16' Inclusive	Price Per M 18' to 24' Inclusive
8x8's to 12x12's	$35.00	$37.00

We are in position to quote you on most any size timbers in Hemlock or Fir, up to 16x16", 60' long. in carload shipments.

OUR COMPLETE HOME SYSTEM

1. Does away with excessive overhead.
2. Makes possible our buying direct, doing away with the middlemen's profits.
3. Carload and trainload buying cuts the original cost of the material.
4. Eight classes of merchandise handled under one system cuts our operating cost.
5. 40-mile free delivery saves you cartage costs.
6. Our instructions regarding building regulations, lien laws., etc., will save you the expense of legal entanglements.
7. A large, varied stock will enable you to economize by picking the material best suited to your needs.
8. Our being able to recommend reliable craftsmen will save you time and worry.
9. Buy your complete home of us and save between 15 and 25 per cent.

In no other place in the State can you get as many items of sheathing lumber as are available at our yards. Not only do we buy this material in carloads but in train loads. It is not uncommon for us to buy the entire output of some of the southern mills from time to time.

SHEATHING LUMBER, MATCHED ROOFERS, SHIPLAP, ETC.

1 x 12" Second Quality Fir Boards. Suitable for all ordinary sheathing purposes where the boards are to be covered. Random lengths, 6' to 20' long .....**$28.00** per M

1 x 8" Good Sheathing Grade Fir Boards. 6' to 20' long. S4S, largely long lengths .....**$26.00 per M**

1 x 8" Yellow Pine Boards. Surfaced four sides, 8' to 16' long; heavy to 16's. High grade boards. Price .....**$28.00** per M

1 x 5" Yellow Pine Roofers. Ordinary grade, dressed and matched. Price .....**$24.00** per M

1 x 6" Yellow Pine Roofers. Select grade, dressed and matched. Price .....**$28.00** per M

1 x 6" No. 2 Common Hemlock, thoroughly dry, D. & M. Price .....**$30.00** per M

1 x 12" No. 1 Grade Fir Boards. 6' to 20' long. These are a little better grade of boards than the second grade, and are carried to suit the exacting purchaser of sheathing boards. .....**$30.00** per M

1 x 6" Native Hemlock Boards. Special while our present stock lasts. Good lengths, fair quality. Surfaced two sides ....**$23.00** per M

1 x 8" Yellow Pine Shiplap. High grade stock, good lengths. Price .....**$28.00** per M

1 x 6" Yellow Pine Roofers. Ordinary grade, dressed and matched. Price .....**$26.00 per M**

1 x 6" Yellow Pine Roofers. Kiln Dried, dressed and matched. Plain end. Price.....**$30.00** per M
Kiln Dried; dressed and matched. End matched. Price....**$30.00** per M

BARN SIDING

1 x 12" Hemlock and Fir Boards. Especially selected for barn siding, specified lengths 8' to 18'. Price .....**$40.00** per M

1 x 6" No. 1 Hemlock. Dressed and center beaded one side, specified lengths 8', 10', 12', 14' and 18'. Price.....**$34.00** per M
16' lengths. Price..... **$36.00** per M

For other items in barn siding, note the following:

1 x 6" Fir Flooring
1 x 4" B. and Btr. and C. Fir Flooring
No. 2 Hemlock Boards
1 x 6" Ceiling

CORNISH AND EXTERIOR FINISH

You will note that we carry a very complete line of items suitable for these purposes. This stock is all carefully dried and carefully selected for grade.

White Pine

This is our largest selling item for exterior cornish and finish work. You will note that our Pine is a genuine Idaho, and is far superior to and more expensive than Pondosa or ordinary western Pine.

Select: Practically clear, or at least practically clear on one side or better. 4" to 10" wide, 8' to 16' long. Per ft. .....$ .10
12" Select Idaho White Pine, 8' to 16' long. Per ft.....$ .14

No. 2 Common White Pine. 4/4 Idaho stock, any even widths up to and including 12". Per ft.....$ .06½
5/4 and 8/4 native stock, any even widths from 4" to 12" and any even lengths from 8' to 16' inclusive. Per ft.....$ .07

No. 3 Common White Pine. 4/4 in any even widths up to and including 12" and any even lengths from 8' to 16' inclusive. Per ft.....$ .05

CLEAR EXTERIOR AND INTERIOR FINISH BOARDS

Clear Red Cedar
4" to 10" wide, 8' to 16' long.
Per ft. .....$ .08
12" wide, 8' to 16' long.
Per ft. .....$ .12

5/4 Clear Western Pine
4" to 10" inclusive, 8' to 16' long.
Per ft. .....$ .12
12" to 20" inclusive, 8' to 16' long.
Per ft. .....$ .18

Clear Yellow Pine Boards.
12" to 18". Per ft.....$ .10

8/4 Clear Western Pine
4" to 10" inclusive, 8' to 16' long.
Per ft. .....$ .13
12" to 20" inclusive, 8' to 16' long.
Per ft. .....$ .18

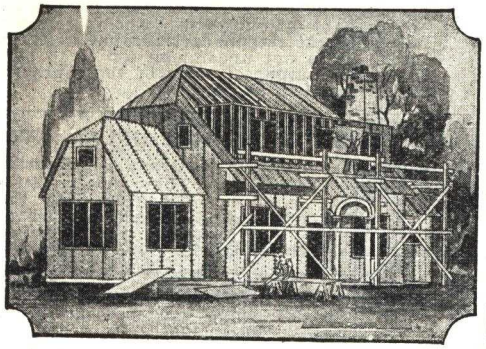
4/4 Select Cypress—(See items listed under Cornish and Exterior Finish).

½" x 4" and wider, Clear Cypress.
Per ft. .....$ .06
⅝" x 4" and wider, Clear Cypress.
Per ft. .....$ .06

CYPRESS

4/4 and 5/4 Select Cypress, 4" to 10" wide, and 8' to 16' long.
Per ft. .....$ .07
4/4 and 5/4 Select Cypress, 12" wide, and 8' to 16' long. Per ft. $ .10
Clear Cypress Boards, 14" to 22" inclusive. Per ft.....$ .18
No. 2 Common Cypress 1 x 8".
Per ft. .....$ .04

Wall Boards for Every Purpose



INSULATION PAYS FOR ITSELF

The first thing that insulation does when used in a new home is reduce the amount of radiation required to heat that home. This means a reduction in the size of the heating plant and a reduction in what it actually costs to install the plant. Besides this saving, insulation slashes your coal bills. It is estimated that insulated homes take 25% less coal than uninsulated homes. This means that in two or three winters the savings on your coal bill will pay for the insulating board. Today the home must be insulated or it does not meet with modern requirements. Insulation increases the market value of your home. It is just as essential that new homes are insulated, as it is for new cars to have four-wheel brakes.

INSO-BOARD

Our insulation board is made of the strong tough fibers of wheat straw, which are interlaced and compressed to form a strong and force-resisting material. It is moisture and vermin proofed through special processes. It can be used the same as sheathing lumber and covered with siding, shingles, or brick veneer. By using metal lath, it can be finished with stucco in the regular manner. The principal uses of this board are—sheathing the frame on all types of buildings, as sound deadener on floors and walls; as roof and attic insulation and for interior walls. No experience is needed to apply our Inso-board—the only tools you will require are a hammer and a saw. The wide sheets reach the distance of two or three studdings, requiring fewer joints, and you can select lengths which will reach the distance from floor to ceiling.

Inso-board comes in sheets 4 feet wide and 6, 7, 8, 9, 10 and 12 feet long and $\frac{7}{16}$ inch thick. It is medium brown in color and weighs approximately 65 lbs. to the 100 square feet.

Price, per 100 square feet.....**$4.00**

BEST WALL GYPSUM BOARD

Gypsum wall board is an excellent substitute for lath and plaster. It is strong, heavy, fire resisting and will look well and give satisfactory results when painted, calcimined or papered. This plaster board or sheet plaster, as it is sometimes called, is made by rolling a hard setting plaster between two sheets of tough cardboard and allowing it to dry into hard solid sheets.

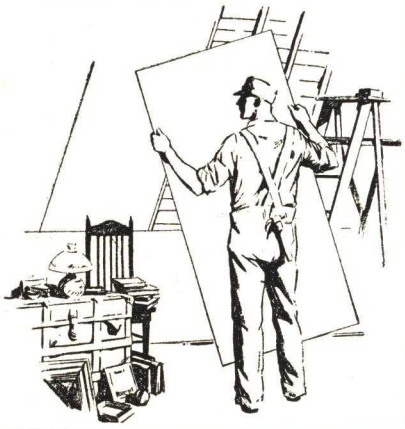
Best Wall board improves conditions in restaurants, stores and factories. It is highly sanitary, fire proof and moisture proof. Resists vibrations, strain and other severe usage. Unaffected by extreme temperatures. When the wall is to be painted or calcimined without the use of panel strips, a perfectly smooth wall can be obtained by using a very small amount of our Best Wall crack filler.

Price, per 100 feet.....**$3.80**

BEAVER WALL BOARD

The pioneer wall board and still in a class by itself—the best. There is no better fiber wall board on the market than this well-known beaver board. Wall board has so many uses where economy and quick, clean work are essential. Anyone can easily apply this wall board with excellent results. No experience needed; all one needs is a saw and a hammer. Rooms are ready for use as soon as wall board is applied. Nails won't split it. Comes 4 feet wide and 6, 7, 8, 9 to 10 feet long. Thickness $\frac{3}{16}$". Pleasing panel effects can be had by using wood panel strips over joints where sheets come together. Use one pound of 3-penny nails for each 150 sq. ft. of wall board.

Price, per 100 square feet.....**$3.50**



BEAVER TILE BOARD

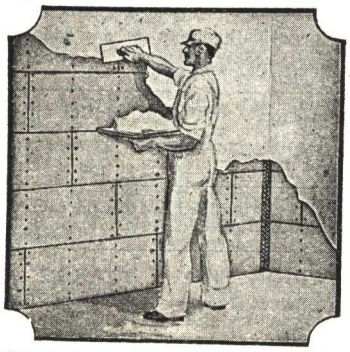
Same as our beaver board except for square tile design. A coat of our high grade enamel makes this board look like real tile. Comes 4 feet wide and from 6 to 8 feet long.

Price, per 100 square feet.....**$4.50**

GYPSUM TILE BOARD

The same as our gypsum board except that it has a square tile design. Will not warp or shrink. The best you can get in tile board. Comes 4 feet wide and 8 feet long.

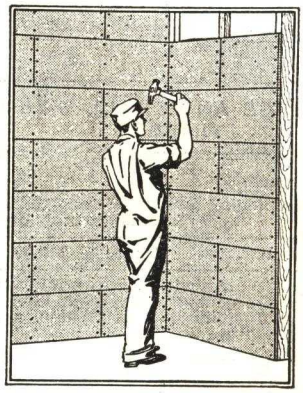
Price, per 100 square feet.....**$7.00**



INSO-LATH

On inside walls as plaster base, we recommend our 18 x 48" Inso-lath. The edges of this lath are ship-lapped and form a perfectly solid bond with the plaster. It is an excellent sound deadener. Nail the 18 x 28" boards with the 48" dimension at right angles to studs and joists with rougher side exposed for plaster. Join the ship-lap edges but do not force them into place. Plaster forms a strong bond with our insulating lath. Tests have shown that an average pull of over a thousand pounds per square foot is necessary to separate plaster from its base of insulating lath.

Price, per 100 square feet.....**$4.00**



GYPSUM LATH

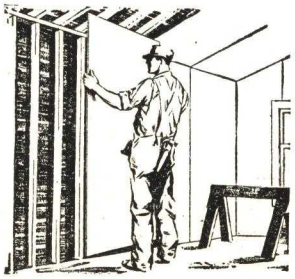
This lath has a rock-like gypsum core, insuring exceptional strength and rigidity. It is unaffected by moisture and varying climatic conditions, and will not warp. Gypsum will not burn, providing extra resistance to fire. We stock this in the following sizes: 32 x 36; 32 x 48; and 18 x 48 inches. Joints should be broken with each piece in order to get best results. The plaster forms a strong bond with this lath making a very substantial piece of work.

Price, per 100 square feet.....**$2.50**

KENMORE BOARD

Do not judge the quality of this board by our extremely low prices. It is made of strong fibers, intermeshed under enormous pressure into strong convenient panels. It is used for walls and ceiling, in every kind of building—new or old. There are many ways in which it will serve you permanently and economically. It is quickly applied direct to the studding and joists in new work. In remodeling it may be used over the old wall materials. Comes 4 feet wide and from 6 to 10 feet long.

Price, per 100 square feet.....**$2.80**



PATCHING PLASTER

The perfect patching plaster—will not shrink, crumble, crack or fall out. Dry powder—mix with water and it's ready for use. It will not shrink as plaster paris does. Does not show through. Hardens in half hour. Used for patching cracks in plastered walls.

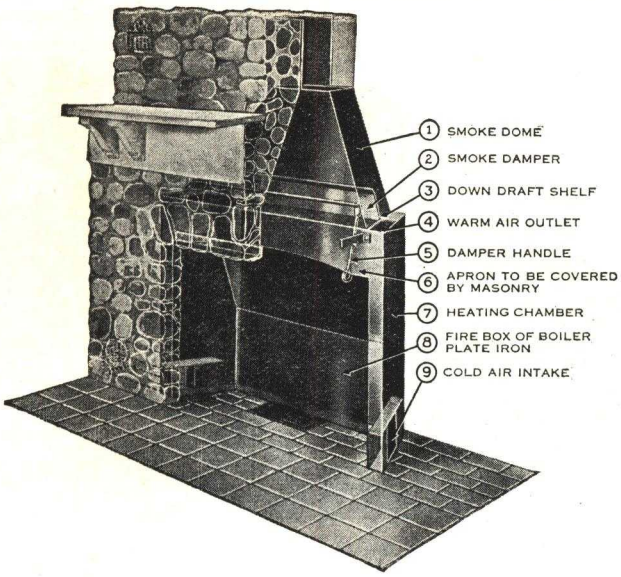
Price, 5 lb. box .....**$ .40**

WALL JOINT

Each package of wall joint consists of a ready mixed paste filler of a remarkable adhesive strength and a special tape of considerable tensile strength; thin enough to be concealed readily under any type of decoration without detection. 150 feet of tape with sufficient amount of paste filler.

Price, per package.....**$3.75**

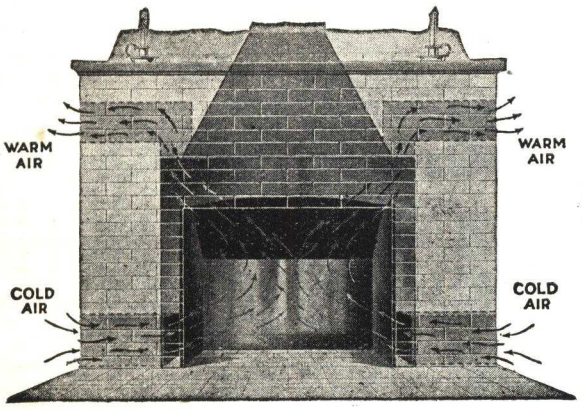
Fireplace Supplies



HEATILATOR

This unit makes your fireplace useful as well as ornamental. Many fireplaces which should have been the real center of home life have become simply a decorative fixture—ornamental but not usable. You can save yourself possible disappointment and regrets by building your fireplace around this unit. It is made up with double walls forming a heating chamber. The cold air intakes are at the bottom of the unit and the warm air outlets at the top. It is just like a furnace. A Heatilator fireplace will save the trouble and expense of running the main heating plant for a month or two every spring or fall. For summer cottages and camps this unit may be relied upon as the only source of heat. The inner shell forming the fire box is made of ⅜" copper bearing boiler plate iron. Down-draft shelf and smoke damper are made of same material. The outside and dome walls are made of 14 gauge copper bearing iron and the seams are electrically welded. Simple, positive, poker control for the damper requires no mechanism or fixtures in the mantle.

No.	Finished Width	Opening Height	Flue Sizes	Fuel Capacity	Weight	Price
18H	17"	18"	8½"x 8½"	up to 15"	130 lbs.	$24
24H	23"	24"	8½"x 8½"	up to 18"	195 lbs.	32
28H	27"	25"	8½"x13"	up to 20"	205 lbs.	39
34H	33"	26"	8½"x13"	up to 28"	265 lbs.	49
39H	37"	28"	13" x13"	up to 30"	320 lbs.	62
44H	42"	31"	13" x13"	up to 33"	430 lbs.	76
50H	48"	33"	13" x18"	up to 39"	545 lbs.	92
62H	60"	36"	13" x18"	up to 48"	765 lbs.	116
72H	72"	38½"	18" x24"	up to 52"	1180 lbs.	164



HEATS LIKE A FURNACE

Cold air enters the double walled heating chamber of the Heatilator through openings at the floor level. Here it is heated by contact with the inner wall of the firebox—then returns to the room through the upper openings. Arrows indicate the passage of the circulating air in the illustration above.

FIRE SETS

Plain, black finish, cast iron, fire set. Ball tip, Colonial design, very well made and fine looking. Add a set to your present fireplace to give it that finishing touch.

No. 483 Height 24" Price $5.65

FIRE SCREEN

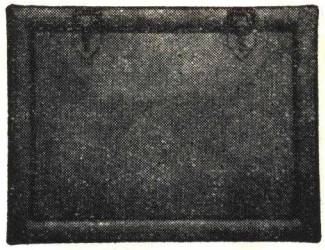
A handsome sturdy screen. Made in one piece. Made of strong wire screening, bound with black steel round frame.

Price $5.65

FIRE PLACE DAMPERS

Absolutely necessary in the construction of a modern fireplace. Insures correct alignment of the brick of throat. This structural advantage, together with the damper makes certain of free drawing flue at all times. Easily regulated to conform with all kinds of weather by simply turning the lever. Can be closed when fireplace is not in use. Made of heavy cast iron; strong and durable.

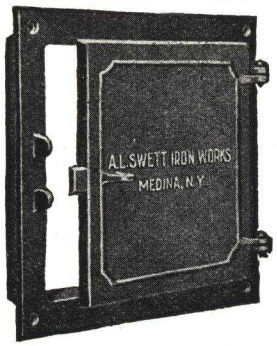
No. 455 Width 32" Price $5.25



COAL WINDOW

Made of rust resisting copper steel. Door has cast iron latch which can only open from the inside. Slotted hinges keep the door in raised position when open. Suitable for wall 9" thick or more. Requires wall opening 17" high and 23" wide.

Price, each $5.65



ASH PIT DOOR

Made of heavy cast iron. For use at bottom of chimney flues or in basement to take ashes out through. Fits tightly. Complete with door and frame.

No.	Size	Price
111	8 x 10	$ .70
111	8 x 12	.95

ASH TRAP

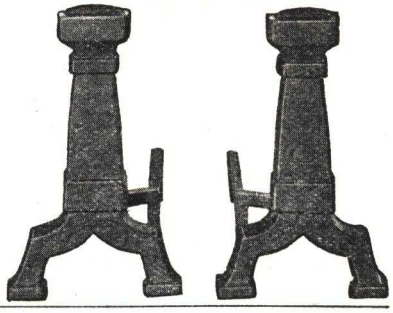
Made of heavy iron to be placed in bed of fire place for ashes to fall through to basement. Automatic action, designed so when ashes gather sufficiently heavy to dump, then it immediately falls back into place. Size over all is 7" x 9".

Price $1.00

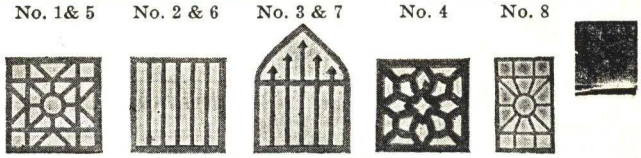
ANDIRONS

Made of heavy cast iron, finished in plain black. These andirons are of a very beautiful design and will add a touch of distinction to your fireplace.

No.	Height	Depth	Price per pr.
465	16"	12"	$6.75



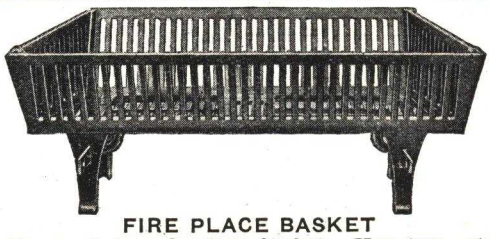
No. 1& 5 No. 2 & 6 No. 3 & 7 No. 4 No. 8



FIRE PLACE GRILL

These four decorative grills are designed especially for use with our Heatilator fireplace. Made of oxidized cast iron. No. 8 is available in size 5 x 8 only. No. 4 in size 8 x 8 only.

5 x 8.....$1.00 8 x 8.....$1.50 10 x 10.....$2.00



FIRE PLACE BASKET

An attractive cast iron fireplace basket. Has two sets of shaker grates easily operated by poker control. Dumps ashes quickly at the handling. Size is 32" long, 15" wide and 11½" high.

For Basket, as illustrated.....$14.90
Basket without shaker grate..... 10.50

Mason's Supplies

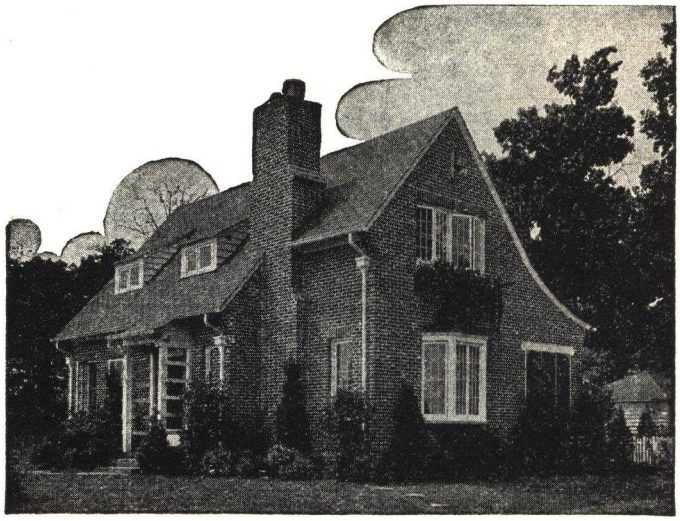
1-4 CURVE

1-8 CURVE

SEWER PIPE AND FITTINGS

We handle immense quantities of vitrified products. Our manufacturers have been making a careful study of how to improve the quality of sewer pipes and their numerous other clay products. For years their material has been recognized by engineers as the highest standard for quality.

Size	Sewer Pipe	Curves & Ells	Y's & T's
3″	$ .20	$ .20	$ .40
4″	.20	.20	.40
6″	.30	.30	.60
8″	.50	.50	1.00
10″	.75	.75	1.50
12″	.95	.95	1.90
24″	3.00	3.00	6.00
18″	2.00	2.00	4.00



CINDER BUILDING BLOCKS

Size	Price Each	In lots of 150
8 x 8 x 16 Block	$ .20	$ .19 each
8 x 8 x 8 Half Blk.	.10	.10 each
8 x 8 x 16 End Blk.	.20	.20 each

LAND TILE

Size	Each	Per M
3-inch	$ .04	$35.00
4-inch	.05	$45.00

VITRIFIED FLUE LINER

Size	Price
8″ Round	$ .40
8″ x 8″	.45
8½″ x 13″	.50
13″ x 13″	.75
8½″ x 18″	.90

CEMENT CHIMNEY CAPS

Each $1.25

PORTLAND CEMENT

We sell a high grade of Portland Cement. Due to the fact that we handle several carloads of cement a week, you can always be assured of getting a fresh supply. The prices of cement are very unsteady and will accordingly be subject to change without notice; therefore we are not pricing cement.

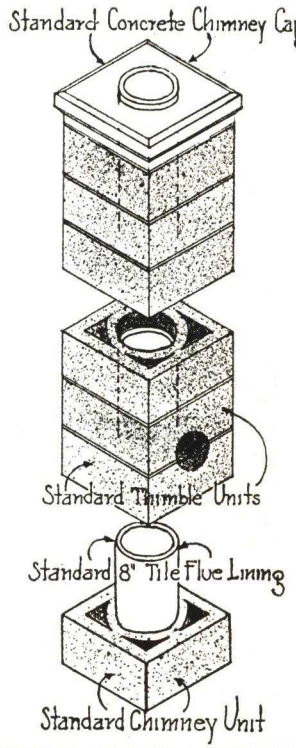
KEENE CEMENT

Per 100 lbs. $2.50

BRIXMENT

This is a mason's cement. When mixed with sand and water it makes perfect mortar for any kind of brick, tile or stone masonry. The proper mix is one part Brixment and three parts sand. Measure by volume with water added for proper consistency. No Portland cement or lime is necessary. The mix alone makes strong, smooth, working mortar. From four to five bags of Brixment are required to lay a thousand bricks, if you use the three to one mix. Each bag contains one cubic foot.

Price, per bag ..... $ .60



CINDER BLOCK CHIMNEYS

This chimney is made up with cinder blocks and vitrified flue. Chimneys carried in stock with 8 inch round flue, and 8 x 12 flue.

Size of Block	Size of Flue	Price Foot
8 x 16 x 16	8 x 8	$1.05
6 x 16 x 20	8 x 12	1.35

COMMON HORSEHEADS BRICK

Each	Per M
$ .02½	$22.50

FIRE BRICK

Price, each ..... $ .06

FULL SIZE COMMON BRICK

Each	Per M
$ .03	$27.50

TAPESTRY BRICK

Each	Per M
$ .04	$35.00

WOOD FIBER PLASTER

80-lb Bag ..... $ .75
Per Ton $17.00

PATCHING PLASTER

5-lb. Box ..... $ .40

PLASTER OF PARIS

Per Pound ..... $ .03

JOINT FILLER

Per Pound ..... $ .10

FIRE CLAY

Per Pound ..... $ .02
Per 100 lbs. $1.00

DURALITH WALL TEXTURE

Per Pound ..... $ .20

Cal

Per 100 ..... $4.00

METAL ARCHES

No. 33 Gothic $3.75
No. 55 Elliptic $3.75

SPRUCE LATH

1000 lath will cover 666 square feet of surface.

Per 100 ..... $ .80
Per 1,000 ..... $7.00

LIME

	Per Bag
Masons hydrated lime	$ .40
Masons finishing lime	.50

MORTAR COLORS

	per lb.	per 100
Black	$ .10	$6.00
Red	.10	4.00

MATERIALS REQUIRED FOR 100 SQUARE FEET OF WALLS, FLOORS, SIDEWALKS, OR ANY SLABS

Concrete Base

Proportions	1:1½:3			1:2:3			1:2:4			1:2½:4			1:2½:5		
Thickness	Cement Sacks	Sand Cubic Yard	Stone Cubic Yards	Cement Sacks	Sand Cubic Yard	Stone Cubic Yards	Cement Sacks	Sand Cubic Yard	Stone Cubic Yards	Cement Sacks	Sand Cubic Yard	Stone Cubic Yards	Cement Sacks	Sand Cubic Yard	Stone Cubic Yards
2½″	5.9	0.33	0.65	5.4	0.40	0.60	4.6	0.34	0.68	4.3	0.40	0.63	3.9	0.36	0.72
3″	7.0	0.39	0.78	6.5	0.48	0.72	5.6	0.41	0.82	5.2	0.48	0.77	4.6	0.43	0.86
3½″	8.2	0.46	0.91	7.5	0.56	0.84	6.5	0.48	0.96	6.0	0.56	0.89	5.4	0.50	1.00
4″	9.4	0.52	1.04	8.6	0.64	0.95	7.4	0.55	1.10	6.9	0.64	1.02	6.2	0.57	1.14
4½″	10.5	0.59	1.17	9.7	0.72	1.07	8.3	0.62	1.23	7.7	0.72	1.14	6.9	0.64	1.28
5″	11.7	0.65	1.30	10.8	0.80	1.19	9.3	0.69	1.37	8.6	0.80	1.27	7.7	0.71	1.43
5½″	12.9	0.72	1.43	11.8	0.88	1.31	10.2	0.76	1.50	9.5	0.87	1.40	8.5	0.78	1.57
6″	14.0	0.78	1.56	12.0	0.96	1.43	11.1	0.82	1.64	10.3	0.95	1.53	9.2	0.86	1.72

Wearing or Finish Course

Proportions	1:1		1:1½		1:2		1:1:1			1:1:1½		
Thickness	Cement Sacks	Sand Cubic Yard	Cement Sacks	Sand Cubic Yard	Cement Sacks	Sand Cubic Yard	Cement Sacks	Sand Cubic Yard	Stone Cubic Yard	Cement Sacks	Sand Cubic Yard	Stone Cubic Yard
½″	3.0	0.11	2.4	0.13	2.0	0.15	2.1	0.08	0.08	1.8	0.07	0.10
¾″	4.5	0.16	3.6	0.19	2.9	0.22	3.1	0.11	0.11	2.7	0.10	0.15
1″	6.0	0.22	4.8	0.26	3.9	0.29	4.2	0.15	0.15	3.7	0.14	0.20
1¼″	7.5	0.27	6.0	0.33	4.9	0.36	5.2	0.19	0.19	4.6	0.17	0.25
1½″	9.0	0.33	7.2	0.40	5.9	0.43	6.3	0.23	0.23	5.5	0.20	0.30
1¾″	10.5	0.39	8.4	0.46	6.9	0.50	7.3	0.27	0.27	6.4	0.24	0.36
2″	12.0	0.45	9.6	0.53	7.9	0.58	8.3	0.31	0.31	7.3	0.27	0.41

Metal Products—Nails

METAL LATH

An exceptionally strong, rigid lath. The plaster placed over this lath will have a very fine clinch. The diamond mesh construction prevents cracking or falling off of the plaster. For use on interior or exterior work. Made of best quality steel painted two sides. Comes in bundles, each bundle has nine sheets, each sheet is 24" x 96", 1⅓ sq. yds., 16 sq. yds. to the bundle. Use this standard metal lath in place of regular wood lath and help make your building fire proof. Easy to apply and offers the same advantages as other laths except that its super-construction is scientifically designed to insure the maximum keying of plaster combined with minimum waste.

Per sq. yd. .....$ .25

TIN VALLEY COPPER VALLEY

Made from prime sheets. No wasters used. For roofs, gutters and valleys. The seams in each roll are single, cross locked, and soldered. Full roll has 50 lin. ft.

Size	Tin Per Ft.	Tin Per Roll	Copper Per Ft.
14"	$ .10	$4.00	$ .40
20"	.12	5.00	.50

GALVANIZED VALLEY

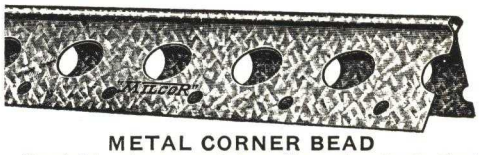
First grade galvanized valley steel in continuous strips. For lining granary bins, wagon boxes, chicken houses and roll roofing. The seams on each roll are double locked. Comes 24" wide.

Per sq. ft. .....$ .05

METAL CORNERS

For wood siding. Heavy galvanized iron, for outside and inside corners. The metal extends 2" on each side from the corner. Pierced with nail holes. Lower edge over-lapped making a tight joint. By use of these metal corners, you have a perfect mitered corner. Can be used for bay windows; easy to bend and thus receive proper angle.

Size	Inside Corners Per 100	Outside Corners Per 100
6"	$1.60	$1.60
10"	2.55	2.55



METAL CORNER BEAD

Straight, strong and heavily galvanized. Just the thing for exposed corners. Easily applied and prevents all breakage of plaster with exposed corners.

Per lin. ft. .....$ .03

METAL CORNER LATH

Made from heavy steel. Makes a straight, strong corner, preventing chipping and cracking of plaster. Plaster cannot shrink or pull away from corner reinforced by this beam.

Per lin. foot .....$ .02½

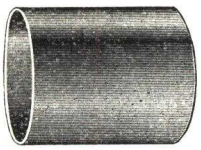
BRICK WALL TIES

A combination tie adaptable for use in connection with either solid brick walls or for brick veneer work. Made of heavy galvanized steel and will stand years of service.

Per 100 .....$ .50
Per 1,000 .....$2.50

CHIMNEY RINGS

Size	Price
6-inch	$ .30
7-inch	.35
8-inch	.40
9-inch	.45

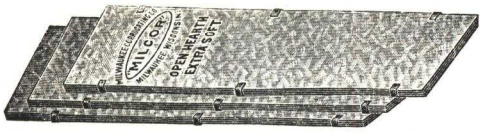


STOVEPIPE THIMBLES

Size	Price
6 x 6	$ .60
6 x 8	.75
6 x 10	1.00
6 x 12	1.50

GALV. ROOFING NAILS

Size	Keg Price
⅞"	$7.15
1"	7.00
1¼"	7.00
1½"	7.00
1¾"	6.90



GALVANIZED SHEETS

Our open hearth galvanized sheets are extra soft and easy to work. They are lightly coated with prime spelter. All sheets are uniform in length and width. The steel is alloyed with copper. This retards atmospheric corrosion. They are highly rust resistant and their reasonable price make them popular. 26 gauge sheets carried in stock. The following sizes carried in stock, 24", 28", 30", 32" and 36" width by 96" long. Prices of copper and zinc sheets quoted on request.

Per square foot.....$ .05 Per pound.....$ .06

METAL ROOFING

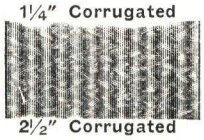
The illustration on this page shows 1¼" corrugated roofing; 2½" corrugated; 2-V Crimp and 3-V Crimp steel roofing. Our copper bearing steel roofing is the best that can be had for the money. Our manufacturers tell us that they have added in this roofing every bit of copper that it will carry and they claim it to be equal to the genuine iron roofing. The 1¼" and 2½" corrugated sheets actually measure 26" wide with a covering width of 24", 2" allowed for side lap. 2- and 3-V Crimp sheets are 24" wide and cover the same width. Always allow 6" for end lap on all sheets. We carry in stock for immediate shipment the 1¼" 26 gauge corrugated roofing.

Price per 100 sq. ft. 6 to 10 ft. sheets....$4.60
Price per 100 sq. ft. 12 foot sheets..... 4.90
Price on 1¼" Corrugated, per sheet. 26 Gauge.

Lgth of Sheet	6'	7'	8'	9'	10'	12'
26" wide	$ .62	$ .71	$ .81	$ .95	$1.10	$1.30

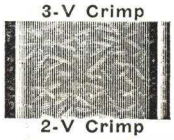
Same prices apply on the 2½" Corrugated and 2-V and 3-V Crimp—But remember, we do not stock them here at Odessa.

1¼" Corrugated



2½" Corrugated

3-V Crimp



2-V Crimp

Lead Headed Nails

Cut Flooring Nails

NAILS

All of our nails are of a standard make, full size, high grade and full weight. We carry a large assortment in stock at all times and can take care of your needs whether it's a keg or a carload.

	Plain	Galvanized
Price, per pound	$ .05	$ .08

Prices per 100 lb. Keg

Nails						Spikes	
Size	Common	Box	Casings	Finish.	Galv. Com.	Size	Price
2D	....	....	....	$5.65	....	16D	$3.10
3D	$4.30	....	....	4.95	$6.20	20D	3.10
4D	3.80	$4.05	4.15	5.85	....	30D	3.10
5D	3.50	....	....	....	5.60	40D	3.10
6D	3.35	3.70	3.75	3.85	5.50	60D	3.10
8D	3.25	3.65	3.65	3.65	5.90	80D	3.10
10D	3.20	....	3.55	3.55	5.90	..	....

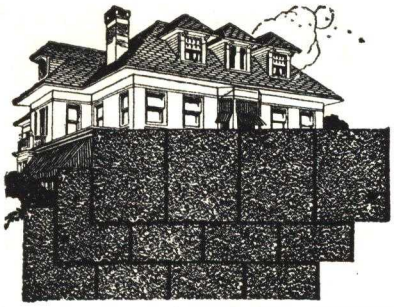
SPECIAL NAILS AND PRODUCTS

Name	Price 100	Price Lb.
1¼" Plaster Bd. Nails	$4.85	$ .06
3D Cut Galv. Shg. Nails		.12
6D Cut Flooring Nails		.07
8D Cut Flooring Nails		.07
Cement Coated Egg Case Nails		.07

	Price Per Lb.
Blued Lath Nails	.07
Lead Headed Nails	.15
Copper Shingle Nails	.22
Lead Washers (for metal roofing)	.20
Tin Caps (for roll roofing)	.15

If you are needing 5 or more kegs of nails, write for our quantity prices.

Asphalt Roofing—Sheathing Paper



The illustration on the left shows a home with our 4 width shingles. These shingles are similar to our cut-out shingle, except that they are only marked out. In reality, you have an individual shingle 36″ wide and 10″ high. They resemble individual shingles on the roof but the cost of laying them is only about one-quarter that of laying individual shingles. They make a heavy roofing, as the entire surface is covered with a double layer. For appearance and economy we know of no better shingle.

ASPHALT ASBESTOS ROOF COATING

The best roof coating on the market. Made of a composition of black asphalt paint with a blend of elastic water proofing oils. For renewing and protecting old roofs, and can be used on new roofs as well. It will improve any kind of roof—gravel, slate, felt, composition, tile, metal, concrete, old paper roofs. Use a broad flat roof brush and apply it like any ordinary paint. It spreads evenly and it is easy to make a good smooth coating. 1½ gallons covers approximately 100 square feet, if surface is rough it takes a little more.

	30 Gal. Lots	5 Gal. Lots	1 Gal. Lots
Price, per gallon	$ .40	$ .45	$ .60

PLASTIC ROOF CEMENT

A waterproof, weatherproof and durable cement, plastic in form, that is applied with a knife or trowel. The cement remains plastic after it has been applied; acts slowly, and forms a firm surface which does not become brittle with age. Used extensively for repairing leaks in roofs. It is an ideal waterproofing; is most satisfactory for pointing up and for flashings around chimneys; for repairing gutters, valleys, down-spouts and drains. Shingle, metal, and composition roofs can be quickly and permanently repaired with Plastic cement. It can also be used for repairing cracked sky-lights on green houses, etc. Plastic cement is not affected by coal smoke, gases, vapors, or fumes of any kind, cannot freeze and has extraordinary power to resist the sun's heat. Plastic cement requires about 38 lbs. to cover 100 square feet of surface, when spread one-sixteenth inch thick.

	25 lb. can	5 lb. can	1 lb. can
Price, per lb.	$ .08	$ .10	$ .15

CARBASOTA

This creosote preparation makes your fence posts, shingles and siding last twice as long. Gives a dark brown stain to shingles and lumber. Penetrates deep into the pores of the wood, protecting it from moisture and decay. Keeps shingles, joists, sills and other lumber exposed to the weather, from harm by moisture. Acts as a disinfectant. An excellent preparation for use around the farm. Vermin proof and kills lice.

Price	50 Gal. Lots	Gal. Lots
Per Gal.	$ .40	$ .50

ASPHALT TARRED FELT

This product consists of rag felt thoroughly saturated with coal tar. Every way it meets the standard of architects and builders. It is principally used in building roofs of felt, pitch and gravel. It is also used for sheathing residences and other structures. It is of satisfactory material for temporary roofs and siding at a small cost. Each roll has 215 square feet, is 36″ wide, and 72 feet long. Weighs about 62 pounds per roll.

Price, per roll $2.50

FIBEREEN MEDIUM PAPER

The strongest paper you can buy for the money. Our Fibereen medium Building paper is tough and strong. It is made of three plys of heavy cotton cord and two plys of asphalt filler. The cotton cords are imbedded in the asphalt which prevents tearing. Each roll has 500 square feet.

Price, per roll $3.50

HOUSE SHEETING

An extremely durable and water proof product for all sheeting and waterproof purposes. Excellent for use under slate, tile and similar roofs that require a waterproof liner. Each roll contains 216 square feet. Weighs approximately 50 lbs. and is 36″ wide. No building should be without sheeting.

Price, per roll $1.50

SISALKRAFT PAPER

Two layers of asphalt, with crossed sisal fibers embedded in it, and two facing sheets of 30-lb. Northern kraft are combined under high pressure and great heat to form a reinforced paper for all building paper uses and many other protective applications, which has no equal. Each roll is 36″ wide and contains 500 square feet.

Price, per roll $5.00

SK DOUBLE DUPLEX PAPER

Two sheets of heavy gray kraft and two layers of asphalt are combined under great heat and pressure. (Most duplex papers have only one layer of asphalt.) The asphalt is protected from drying out by the kraft cover sheets. Made in rolls 36″ wide, containing 500 square feet.

Price, per roll $1.50

SLATERS FELT

A building paper of high quality. Weighs 32 lbs. per roll.

Price 500 foot roll $1.00

RED ROSIN PAPER

One of our best building paper values. Weighs 20 lbs. per roll.

Price 500 foot roll ..... $ .50

DEADENING FELT

Exceptionally good for sound deadening and insulation. Weighs 50 lbs. per roll. Price 450′ roll $2.40

ROLL ROOFING

The method used to penetrate asphalt into the felt of roll roofing determines the life of the roofing. Our roofing is made by the super-spray saturation method. This method sprays the hot asphalt on one side of the sheet of dry felt, leaving the air and moisture free to escape while the hot asphalt spray drives the air and moisture out and penetrates clear through from one side of the felt to the other. This method uniformly and completely saturates the reservoir of asphalt in the felt. This accounts for the long years of life that are stored in the felt.

NAILS AND CEMENT FREE

With every roll of roofing that we sell we furnish cement (for lapping seams) and nails free. When laying roofing over an old shingled roof, use 1¾″ nails. Nails included in a roll of roofing are ⅞″. Each roll or square pack of roofing material shown in this catalogue will cover 100 sq. ft. of roof surface, allowing for seams or laps, if the instructions on the wrappers or packages are followed.

CORPORAL ROOFING

Here is a medium-priced roofing that is suitable for covering roofs and the outside of buildings, for poultry houses, garages and outbuildings or any place where all-fine appearance is not necessary. Furnished with cement and nails (not galvanized). Rolls contain 108 square feet to cover 100 square feet.

Weight, per roll	Price, Per Roll
1 ply 35 lb.	$ .75
2 ply 45 lb.	1.00
3 ply 55 lb.	1.25

CERTAIN-TEED ROOFING

Here is the best roofing that money can buy. It is made with the best rag felt obtainable and super-saturated with asphalt. It is guaranteed for fifteen years and carries fire underwriters label. Galvanized nails and cement included in each. Roll contains 108 square feet to cover 100 square feet.

Weight, per roll	Price, Per Roll
3 ply 55 lb.	$2.00
4 ply 65 lb.	2.40
5 ply 77 lb.	3.00

MINERAL SURFACE ROOFING

The finest materials and workmanship give this roofing exceptional wearing qualities. May be had in red, green or blue-black. Each roll weighs 87 pounds. Cement and galvanized nails included. Carries fire underwriters label. Roll contains 108 square feet to cover 100 square feet. Price per roll.. $1.90

ASPHALT STARTER STRIP

Per lin. ft. ..... $ .10

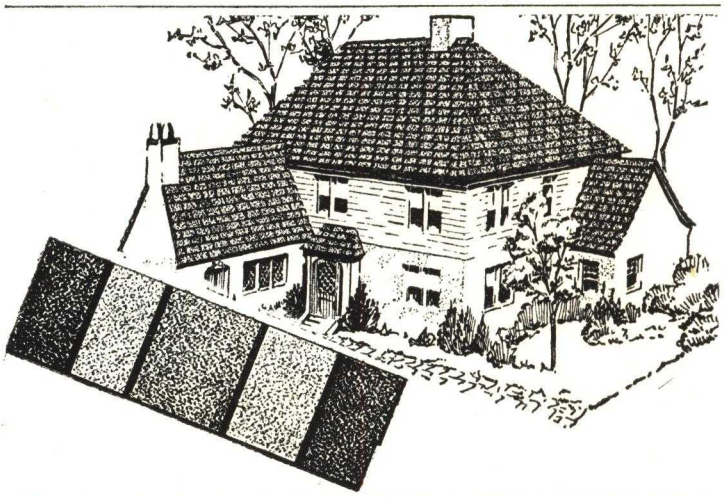
ASPHALT RIDGE STRIP

Per lin. ft. ..... $ .12

DIAMOND POINT ROOFING

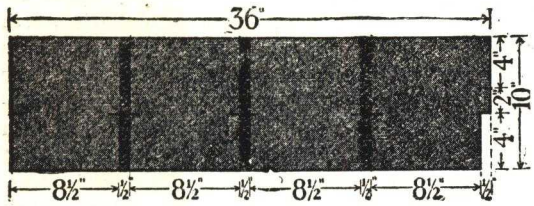
Here is a roofing that looks like hexagon shingles. It is just as easy to lay as plain roofing yet so much more attractive that it is purchased by thousands of home owners. Each roll is 32″ wide and 48 feet long. Carries fire underwriters label. Weighs 100 pounds. Each roll will cover 100 square feet. This is the same roofing that professional re-roofers are asking from $8.00 to $12.00 a square applied. Carried in stock in green and tapestry color-blend.

	Price
Green, per square..	$2.75
Color-blend, per square	3.00



The above illustration shows a roof that is covered with our Speed-lay shingles. Note the uneven spacings of this shingle. Extra coverage, insulation and protection are secured, by the very wide shingle; subdivided by black markings rather than by slotting or grooving between the panels. The effect gained by the variegated widths is that of old hand-made shingles. The colored panels are varied and pre-assorted at the factory ready for laying in the order sure to achieve the most beautiful results. You will find many of the better homes within our territory roofed with our Speed-lay shingles.

Asphalt Shingles in Every Design



CASH $4.45 Per Sq. Delivered

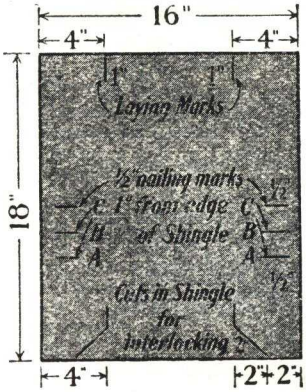
FOUR WIDE SHINGLE

The shape or design of a shingle completely alters the appearance of a roof. The Four Wide Shingle shown in this illustration will improve the real estate value of any home. It is 10" wide and 36" long. It is laid with a 2" headlap to secure a 4" exposure. It is similar to the Cut Out Shingle, but costs a little less. Four units in each strip give the appearance of individuals on the roof. A waterproof shingle of the highest quality. Extremely durable and unusually economical to lay. The self-spacing feature means a speedy and accurate job.

Listed and inspected by the underwriters. Carried in stock in green only.

Price, per square, 10 x 36 ..... $4.45
Price, per square, 12½ x 36 ..... 5.25

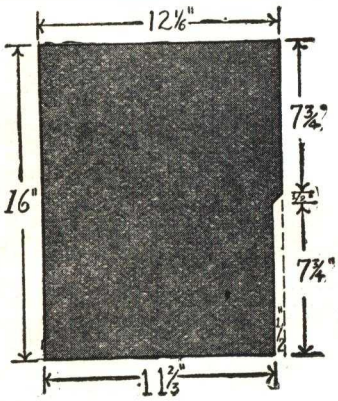
CASH $3.45 Per Sq. Delivered



UNIVERSAL SHINGLES

A quick laying, re-roofing shingle. This is practically the same type of shingle that the professional re-roofers charge you $10.00 to $14.00 per square for laying. Any good carpenter will lay these shingles for from $1.00 to $2.00 per square, depending upon the condition of the roof. This shingle is 16" wide, and 18" high. The best buy we have in asphalt shingles. The quaint, "Thatched" design of this shingle has wide-spread appeal, with its interesting shadow lines accented by thick butt ends. A patented, interlacing device assures a permanent, weather-tight surface that does not buckle, loosen or blow up under heavy rains. Listed and inspected by the underwriters.

	Solid Color	Color Blends
Prices	$3.45	$3.75



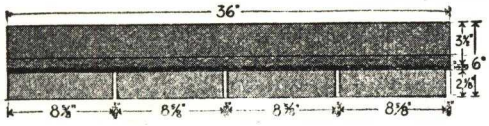
CASH $5.95 Per Sq. Delivered

SELF-SPACING INDIVIDUAL SHINGLES

The trim, even course and square butts of our Individual Shingles form a necessary roof pattern for certain styles of architecture. The illustration shows a large individual shingle with a patented self-spacing feature that saves time in laying and reduces the cost of labor. It is a waterproof, weather-tight shingle, economical to lay and highly resistant to fire. Carries fire underwriters label. The shingles shown are of extra heavy weight. Standard weight shingles are 10¼ x 12½ inches and are exposed to the weather 4 inches. Carried in stock in green only.

Price per square, 10¼ x 12½ (standard weight) $5.95

BRICK-TEX SIDING



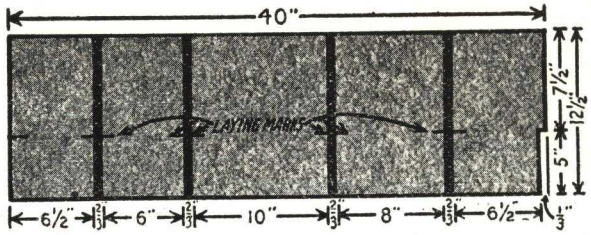
The uniform design of Brick-tex Siding with its clearly defined markings, an exclusive feature, gives the effect of a real brick wall when installed. Insulates and reduces fire hazards. The richly colorful mineral surface requires no extra finish, no staining or painting.

The exclusive self-spacing feature and the nailing line assure easier application. Each slab is marked into four standard size bricks, and provides double coverage.

Colors—Brick-red and Blended Brick-tex (a mixture of Brick-red and buff).

Price, per square $7.25

You will find as large a stock of asphalt roofing material at our yards as is possible to find any place in the country; and our prices are always low. We sell several carloads of asphalt roofing a month and are able to make you these savings.



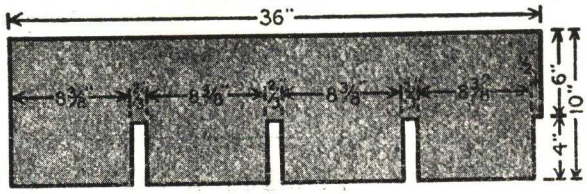
CASH $6.25 Per Sq. Delivered

SPEEDLAY SHINGLES

This shingle builds up the most easily laid, variegated color roof ever produced—a roof that is architecturally desirable, colorful, permanent and highly protective. The dimensions are given on the above illustration. This shingle has a double coverage with a 5-inch exposure and a triple coverage with a 4-inch exposure. This is the fastest laying and one of the best shingles that we handle. Carried in stock in Red-Cast color-blend and Green-Cast color-blend. Listed and inspected by the underwriters.

Price, per square $6.25

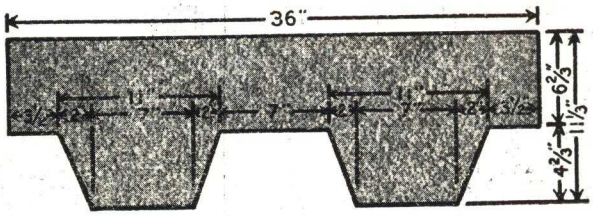
CASH $4.75 Per Sq. Delivered



CUT-OUT SHINGLES

The deep, rich simplicity of this shingle brings out the character and style of modern American homes. They are well suited to most any type of architecture, giving the same, simple, even, geometrical, square line effect, as does the individual shingle. The above illustration gives the dimensions of the shingle. Carried in stock in green and red. Listed and inspected by the underwriters.

Price, per square, 10 x 36 ..... $4.75
Price, per square, 12½ x 36 ..... 6.00



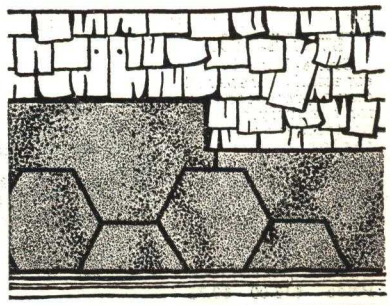
CASH $3.75 Per Sq. Delivered

THE HEXAGON SHINGLE

The design of the Hexagon Shingle lends itself well to certain types of architecture. Suitable for any roof that slopes enough to drain well. Quickly and easily laid and gives thorough protection. The above illustration gives all the dimensions. Carried in stock in brown-tone color-blend, and green. Listed and inspected by the underwriters.

	Price
Green, per square	$3.75
Jade Green and Color-Blend, per square	$4.15

You can lay these Hexagon Shingles right over old roofing. By driving down the old nails and nailing down the loose shingles, one can get a very satisfactory job by laying these shingles right over the old roof. Listed and inspected by the underwriters.



Paint Department

CARLTON TRAVIS, *Manager*

When you buy paint, are you paying between 20 cents and 30 cents out of every dollar for national advertising and round-about selling methods, or do you actually get your dollar's worth of paint? The national advertising builds the manufacturer but it does not improve the contents of a can of paint. When you pay this 20 cents to 30 cents more on each dollar you are paying for history—not paint. We have experimented with paints for the last five years and are now convinced beyond any reasonable doubt, that we are able to offer you this merchandise, backed with our 100% guarantee, at prices in line with any possible competition. By this we do not mean that we can sell you paints made of white lead, zinc, and titanox at prices of paint made from alabestine, silica, paris white and a dozen other ingredients. We do mean, however, that we can offer you paints at the lowest possible prices consistent with the materials from which they are made, and there is no 30 per cent national advertising cost figured in our paint prices. The analysis is printed on every can, and above all, every gallon of this paint carries the Cotton-Hanlon 100% guarantee. By this we mean that we guarantee this paint to contain exactly the ingredients as shown on the can, and we also guarantee that if properly applied it will give you entirely satisfactory service consistent with the price you pay.

PURE LINSEED OIL

We have been most careful in our selection of linseed oil, and you can depend upon its pureness and its adaptability to paints. We urge you to use this oil because we know you will be satisfied with it. In order to give you the lowest possible price, we keep in close touch with the market on linseed oil and price your order at the market quotation. When you write for prices, specify quantity wanted. Prices vary according to quantity.

PURE WHITE LEAD

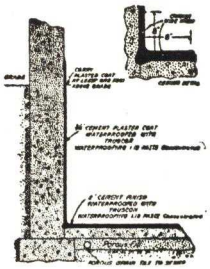
Our Dutch Boy white lead is absolutely pure and ground in pure high grade linseed oil, corroded by the old Dutch process. Ground as fine as the very latest modern machinery can produce it. A smooth, easy working lead, with a great covering capacity and a fine whiteness that denotes the pure corrosion. Prices on white lead are subject to market changes. The prices shown below represent today's prices; our prices will always be the lowest market prices.

100 lbs.	50 lbs.	25 lbs.	12½ lbs.	1 lb.
$12.00	$6.13	$3.13	$1.63	$ .15

PURE TURPENTINE

Our turpentine is made of pure gum spirits; the best on the market. On account of the frequent changes in price of turpentine, it is impossible for us to show a price in this catalogue because of the changes. If the market goes lower, we will charge you less than the present price; if it advances we will charge you in proportion. Our prices will always be the lowest market prices. When you write for prices, specify the quantity wanted; prices vary according to quantity.

Water Proofing and Damp Proofing Materials



WATER PROOFING PASTE

This material is used on all types of construction involving concrete, such as foundations, basements, reservoirs, roofs, walls, tanks, etc. It is a liquid paste that is mixed with the concrete or cement mortar. The waterproofing is added to the dry aggregate in the mixer before adding water. It is to be mixed thoroughly according to directions on the container. There is no change in the method of mixing the materials used, or their proportions, or the pouring, or placing of the concrete. The only change is the addition of a measureful of paste per bag of cement. The above illustration shows the method of waterproofing basements, after the foundations and floors are in. This is known as the cement plaster method. When pouring new concrete, the "Waterproof Mass Concrete" method is used. Sometimes, in case of extreme water pressure, it is advisable to use both methods as a factor of safety. The following is a list of the ingredients used in either method.

Waterproof Cement Plaster Method

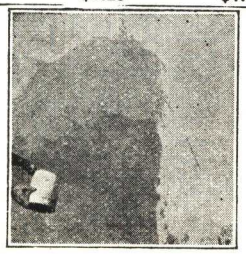
1 part (by volume) Portland Cement.
2 parts (by volume), clean, sharp, sand.
2⅓ lbs. paste per bag of cement.

Waterproof Mass Concrete Method

1 part (by volume) Portland cement.
2 parts (by volume) clean, washed sand.
1⅙ lbs. paste per bag of cement.

Quantity	30 gals. 240 lbs.	5 gals. 40 lbs.	1 gal. 8 lbs.
Price	$26.80	$6.25	$1.75

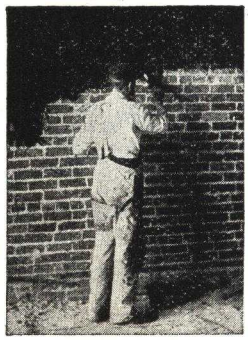
STONE-TEX



Stone-Tex is an especially prepared damp-proof coating for beautyfying and protecting all exterior concrete, stucco and masonry above grade. Applied by brush or spray. The surface should be absolutely dry before applying Stone-Tex.

Quan.	5 Gal.	1 Gal.
Price	$18.00	$3.75

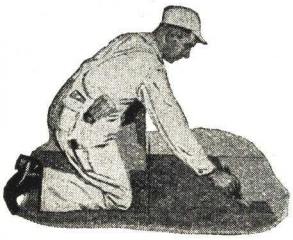
PLASTER BOND



Used for coating the interior of exposed brick, terra-cotta, block and roughened concrete walls above grade—to prevent absorption of atmospheric moisture. Plaster is then applied over the Plaster Bond without furring or lathing. It is black in color and has the consistency of paint. It is important that the coating be continuous. On rough walls many crevices and cracks are often left uncoated unless the work is carefully handled. This makes a break in the damp-proof coating and allows moisture to come through. All portions of wall which are exceptionally absorbent must be given a second coat so that the entire coated area has uniform black appearance. One gallon will cover 80 square feet one coat.

Quantity	5 Gal.	1 Gal.
Price	$5.00	$1.25

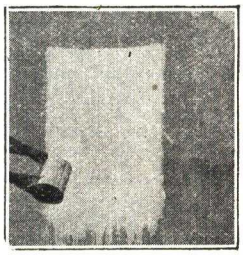
CONCRETE FLOOR ENAMEL



This material is used for coating interior concrete or composition floors above grade with a washable, non-staining enamel finish in colors. It is especially adapted to hospitals, offices, schools, department stores, showrooms and other such places where it is desired to bring the concrete floors up to the same standard of attractiveness as the decorations on walls and ceilings. It is noted for its unusual penetration, adhesiveness and toughness of film, in addition to its qualities of gloss and beauty of finish.

Quantity	5 Gal.	1 Gal.
Price	$13.75	$2.90

SUPER-POR-SEAL



A transparent damp-proofing for exterior masonry surfaces where the desire is to damp-proof and weather-proof without changing the color or appearance. It is essential that the material be carefully and uniformly applied. Super-Por-Seal is applied in one or two coats (sometimes three, where surfaces are especially absorbent). Care should be taken that the surface, before applying Super-Por-Seal, is absolutely dry, and free from frost, and that no sections are missed in the application. Do not apply when the temperature is below 50° F. After the first coat has dried for at least 12 hours, apply the second coat. One gallon will cover 150 sq. ft. 1 coat, and 100 sq. ft. two coats.

Quantity	5 Gal.	1 Gal.
Price	$10.00	$2.25

FOUNDATION COAT

This material is used on the outside of foundations under earth filling. It is practical only where mild dampness conditions prevail. It is not intended to keep moisture out of a foundation where actual water pressure is involved. Surface must be dry and free from any adhering earth or foreign matter before applying foundation coat. Use large brush or mop and be sure to cover surface thoroughly. Do not apply the second coat until the first one has had 24 hours to dry. Let the second coat dry for at least 12 hours before back-filling. One gallon will cover 80 square feet one coat or 50 square feet two coats.

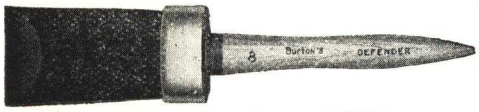
Quantity	30 Gal.	5 Gal.	1 Gal.
Price	$28.50	$5.00	$1.25

Paint Brushes for Every Use

ROOF COATING BRUSH

Made with three knots with heavy outside round ferrules. No handle is furnished. Brush can be used with or without handle. Width, 5½ inches. Length of bristles, 2 13/16 inches.

Price, each .....$ .60



DEFENDER OVAL BRUSH

Oval shape. One of our best brushes for outside painting. Extra long 100% pure Chinese bristles vulcanized in rubber. Seamless steel nickel-plated ferrule.

No.	Width	Bristles	Price
CH10	2½"	4¼"	$2.00
CH12	2½"	4½"	2.15

KID BRUSHES

Price, each .....$ .10

STEEL WOOL

A mass of fine steel fibres resembling curled hair, which, while sharp, does not scratch. For rubbing down hardwood floors, interior finish, etc., is superior to sandpaper.

Price, per lb. .....$ .25

WOOD ALCOHOL

Gallon $ .60 Half-Gallon $ .30 Quart $ .15

SAND PAPER

You can always depend upon getting only the best sand paper from us.

3 sheets.....$ .05 12 sheets.....$ .15

FLOOR OIL

A high grade floor oil that will preserve floors as well as keeping down the dust.

5-Gals.....$2.25 1-Gal.....$ .50

PAINT AND VARNISH FACTS

Send for our 46-page booklet "Paint and Varnish Facts." It is free for the asking. Painting is easy work and pleasant if one first learns how the job should be done. Knowing how takes away all the dread, all the thought of unpleasantness or mussiness, and assures gratifying results. This little encyclopedia of paint and varnish information for the householder explains all the steps in painting or varnishing; how to touch up an old chair and transform it into a useful piece of furniture; how to finish your floors and interior woodwork and other useful information that homeowners should know.

LONG HANDLE WIRE BRUSH

Steel wire brush with long handle. Bristles wired in. The best brush for removing old paint, rust, dirt, etc. Three rows of steel wire 1⅛ inches long. Head of brush 6¼ inches long.

Price, each .....$ .20

MASTER PAINTER BRUSH

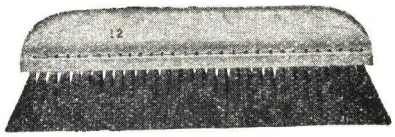
Our best paint brush. A real painters tool. Has extra long, pure Chinese bristles, selected for their fine quality. Bristles won't come out. Well balanced clear hardwood handle.

3½".....$1.70 4".....$2.10

NO. 15 FLAT VARNISH BRUSH

Long flat handle. Just the kind of brush you need to make trimming easy. Pure Chinese bristles, vulcanized in rubber.

1" .....$ .15 2" .....$ .25
1½"..... .20 2½"..... .35



PAPER HANGER'S BRUSH

Very low price, yet practical too. Will give highly satisfactory service to home owners.

Price, each $2.75

NO. 420 VARNISH BRUSH

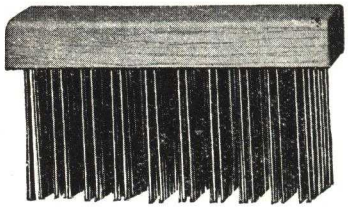
A high class brush for any varnish job. Made with pure Chinese bristles vulcanized in rubber to give it longer life. Wood handle. Do not confuse it with other brushes that sell at this price.

1" .....$ .30 2" .....$ .55
1½"..... .40 2½"..... .70
3".....$ .95

OVAL SASH BRUSH

Pure Chinese bristles vulcanized in rubber. Chisel edge. Long round wood handle.

No. 510 .....$ .30



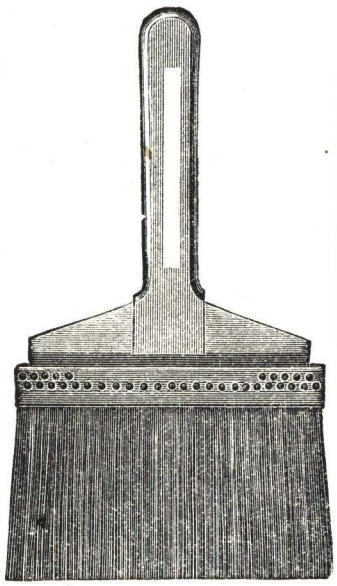
WIRE BRUSH

Made of the best steel wire. Block 2 x 7". Wire, 6 rows, 1⅞" long. For removing old paint, dirt and rust from wood, iron, stone or brick surfaces.

Price, each .....$ .45

EMPTY TIN CANS

5-Gal. $ .75 1-Gal. $ .15 ½-Gal. $ .10



FAMILY CALCIMINE BRUSH

Metal bound, lacquered tin ferrule. Bristles of fibre mixture. A good substantial brush for use in whitewashing, paperhanging, etc.

Price, each $4.50

IDEAL OVAL BRUSH

An unusual value at our low price. A high quality oval brush. Extra long 100% pure Chinese bristles. Seamless steel nickel-plated ferrule.

No.	Width	Bristles	Each
CH30	2½"	3½"	$1.00
CH40	2¾"	4"	1.70
CH50	3"	4½"	2.15

WALL BRUSHES

An all purpose brush for paint, calcimine, paste, etc. A real bargain at this low price. Will give good service for general painting work. Pure Chinese bristles vulcanized in rubber will give the brush longer life.

3" "Star" .....$ .65
4" "Crow" .....$ .85

Highest Quality Paints

BUFFALO QUALITY HOUSE PAINT

Is an extremely durable, pure linseed oil paint ready for use on both interior and exterior wood, metal or plaster surfaces. It is made from white lead and pure oxide of zinc and correct percentages of reinforcing pigments necessary for great durability. Our house paint covers more surface per gallon, looks better, lasts longer than ordinary paint, and is guaranteed to give absolute satisfaction when properly applied. Made in white, black and 24 handsome colors. Ask for color card.

Ordinary Colors Including White

5 Gals.	1 Gal.	½ Gal.	Qt.	Pt.
$12.75	$2.60	$1.35	$ .75	$ .45

Special Woodlawn Green

$15.50	$3.15	$1.65	$ .95	$ .55

Special Beacon Green

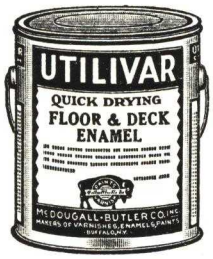
$20.75	$4.20	$2.20	$1.25	$.60

FRONTIER ROOF & BARN PAINT

A paint made especially for barn and roof or other large rough surfaces that are exposed to the sun and weather. It prolongs the life of wood and metal surfaces. It works easily, covers solid with two coats, and has long life. Stocked in red, gray and green.

5 Gallon Cans
Per Gallon.....$1.10
1 Gallon Can
Per Gallon $1.45

UTILIVAR FLOOR & DECK PAINT



Manufactured from a tough, elastic spar varnish and wear resisting pigments to withstand heavy foot traffic, constant exposure to the sun, snow, rain and frequent washing. Covers solid with one coat over previously painted surfaces, spreads easily so that anyone can apply it with ease and obtain a smooth, high gloss surface that will last. Made in eight handsome colors.

Gallon	Half-Gallon	Quart
$2.95	$1.50	$ .80

WHITELEX PASTE WOOD FILLER

For filling the pores of open grained woods such as: Oak, Ash, Mahogany, Chestnut, etc. Made in light oak (transparent) and dark oak.

Per Lb.	25 Lbs.	5 Lbs.
$ .25	$4.50	$1.00

DECORAO ENAMEL

A first class white enamel for exterior use, dries overnight with a good gloss, and will withstand lots of hard usage. Made in white only.

Gallon, each	$3.85
½ Gallon, each	2.00
Qt. cans, each.....	1.10
Pt. cans, each.....	.65

DECORAO ENAMEL UNDERCOAT

A popular priced, white opaque undercoat to be used as a foundation for Decorao and other enamels.

Gallon	½ Gallon	Quart	Pint
$2.80	$1.50	$ .90	$ .50

FLAT BLACK FINISH

Dries quickly with a smooth, dull black finish and can be used on metal or wood.

Quarts	Pints	½ Pints
$ .75	$ .45	$ .30

MATTONA FLAT WALL PAINT

Especially recommended for walls and ceilings of public and private buildings. Mattona, being an oil paint is washable and will not chip or flake off. It brushes easily, dries quickly and shows no brush marks. Mattona is extremely opaque — two coats will cover perfectly over any surface. Furnished in white and 12 pleasing shades. Adapted for any interior surface.

Gallon	½ Gallon
$2.25	$1.25
Quart	**Pint**
$ .75	$ .45

MATTONA SEALER AND REDUCER

An elastic, transparent moisture resisting size for use as a foundation coat and for sealing porous surfaces such as—plaster, wall board, etc., before applying Mattona Flat Wall Finish. It is used for thinning Mattona; it eases the brushing and adds durability and washability to the finish.

Gallon Cans	Quart, Each	Pint, Each
$1.90	$ .60	$ .35

MATTONA GLAZING LIQUID

A semi-transparent liquid that dries over night with a dull or eggshell sheen. Mattona Glazing Liquid is usually tinted with our colors in oil and applied over a base color of Mattona Flat Wall Finish and stippled with crumpled cloth, chamois or soft paper. It does not set up quickly, giving the painter plenty of time to glaze a large surface and still obtain uniform results.

Gallon Cans	Quart, Each	Pint, Each
$2.25	$ .65	$ .40

SCREEN PAINT

A rust and weather resisting paint. Makes wire screens and frames last longer and look better. Can be applied by brush or spray method; does not clog the mesh. One quart covers about 20 average screens. Made in black and green.

	Green	Black
Quarts, each ..	$ .80	$ .55
Pints, each	.45	.35
½ Pints, each..	.30	.25

ZANZITE ENAMEL AND UNDERCOAT

Manufactured expressly for use on the finest work where whiteness and great durability is desired. Zanzite Enamel is slow drying, easy working and does not sag or run when properly applied. Zanzite has the qualities of hardness, whiteness, brilliance and durability and may be rubbed and polished if desired. Zanzite Enamel Undercoat dries hard and sands easily, leaving a smooth, firm foundation over which to apply Zanzite Enamel.

	Gallon	½ Gal.	Quart
Zanzite Enamel	$5.50	$2.85	$1.65
Zanzite Undercoat ...	3.30	2.72	.95

BEST BLACK ASPHALTUM

A high-grade black asphaltum for use on iron work, pipes, etc. Heavy bodied and dries to handle in about 4 hours. The finish is durable and possesses high lustre.

Quarts	Pints	½ Pints
$ .95	$ .55	$ .30

PUTTY

	Commercial	Strictly Pure White Lead
25 lb. can	$1.45	$1.95
5 lb. can	.35	.45
3 lb. can	.20	.30
1 lb. can	.10	.12

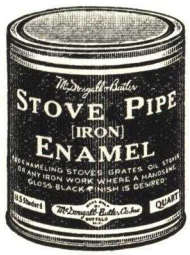
IROQUOIS PASTE WHITE

A white paint made especially for the master painter and others who want to mix and tint their paint on the job. It is made from Titanium Oxide and white zinc. These pigments are noted for their whiteness and great covering qualities. Two coats produce results which compare favorably with three coat jobs, done with ordinary white paints. One gallon Iroquois Paste White when reduced according to directions, will cover 700 to 750 square feet, two coats on average good conditioned surface.

5 Gal. Pails
Per Gal.
$3.80
1 Gal. Can
$3.85

STOVE PIPE ENAMEL

An elastic, jet black, quick drying enamel for use on stove pipes and other metal surfaces, subjected to strong heat. It has a deep, rich glossy finish and is very durable.



Quarts	Pints
$ .50	$ .30
½ Pints	¼ Pints
$ .25	$ .15

WHITELEX LIQUID WOOD FILLER

A varnish filler for close grained woods such as: Maple, birch, etc. Produces a hard, non-porous surface.

Gal., Each	Quarts, Each
$2.00	$ .65

UTILIVAR LIQUID GREENS

Utilivar Liquid Greens are extremely permanent, being made from the purest quality green pigment possible to obtain. They will hold their brilliant color for the longest possible time and are recommended for all outdoor use such as store fronts, iron work, blinds and house trimming.

	Gallons	Quarts
Country Club Green	$5.00	$1.15
Emerald, Forest and Ordnance Green	4.25	1.15

WAGON AND IMPLEMENT PAINT

Prolongs the life and usefulness of farm machinery and keeps them in excellent working condition. It keeps the wood surface from checking, warping, and rotting and protects the metal surfaces from rust. This paint dries quickly, brushes easily, so that it can be applied by anyone, insuring a firstclass finish on Tractor Wagons and other farm implements. Made in black, blue and coach red.

	Gal.	½ Gal.	Qt.	Pt.
Blue, Light Gray, Bright Coach Red	$3.45	$1.85	$1.00	$ .55
Black	2.70	1.45	.80	.45

AUTO SERVICE FINISHES

Recommended for the refinishing of automobiles. Dries dust free in a few hours and hard over night with a high glossy surface that will withstand any weather and still retain its glossy surface. Can be used on any metal or wood surface where a durable high grade finish is desired.

Gallon	½ Gal.	Quarts	Pints	½ Pints
$3.75	$2.00	$1.10	$ .65	$ .40

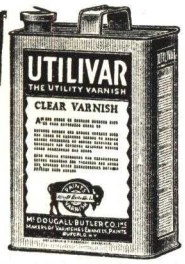
INTERIOR GOLD AND ALUMINUM PAINT

For use on interior metal or wood surfaces. Made from finely polished aluminum and gold bronze. Has a rich gloss and will withstand heat, cold fumes and gases. They are supplied in double compartment cans,—the liquid in one compartment, the powder in another in correct proportions.

	Gallon Cans	Quart Cans
Gold	$4.40	$1.25
Aluminum	2.85	.85

At Lowest Prices

UTILIVAR VARNISH



This is our highest grade every purpose clear spar varnish for use on exterior and interior surfaces. Utilivar is a tough, waterproof varnish that will not mar or scratch white.

Utilivar is a heavy bodied varnish, pale in color. It flows easily and smoothly, and drys in 4 hours with a tough surface that withstands wear and weather.

5 Gal. each	Gal. each	½ Gal. each	Quart each	Pint each	¼ Pint each
$16.25	$3.50	$1.85	$ .95	$ .60	$ .35

UTILIVAR GRAINING COMPOUND

A reliable compound for use over a buff ground color where graining effects are desired. Its use is simple. Full directions on each package. Sold in paste form, to be thinned with water.

Light and Dark Oak, per jar.....$ .40

UTILIVAR GRAINING TOOL AND COMB

A complete outfit for graining work, consisting of a metal comb and flexible rubber graining tool that will produce excellent imitation of various wood grains. Complete directions for use packed with each outfit.

Complete outfit packed in box.....$ .50

QUICK DRYING LINOLEUM VARNISH

Made especially as a protecting finish for linoleum, oil-cloth, etc. It is very pale in color and will not discolor the lightest shades in linoleum. It is easy brushing and dries hard in 4 to 6 hours with a waterproof finish.

Gallon $3.25
½ Gallon 1.75
Quart ..... .95
Pint ..... .55
½ Pint ..... .30

VARNISH FOOD

This polish is guaranteed not to harm the highest finished surface. Its constant use restores the life to any varnished or lacquered finish. It cleans as it polishes. Excellent for use on pianos, furniture, automobiles, hardwood floors.

12-oz. bottles, each.....$ .35
4-oz. bottles, each..... .20

UTILIVAR QUICK DRYING ENAMEL

Is a smooth, easy flowing, quick drying enamel that can be used on any interior or exterior surface such as furniture, woodwork, toys, automobiles, etc.

Utilivar Enamel dries with a smooth, porcelain-like finish that has a high gloss. It is extremely durable and waterproof. Made in black and white and 17 attractive colors.

Gal.	½ Gal.	Quart	Pint	½ Pint	¼ Pint
$3.75	$2.00	$1.10	$ .65	$ .40	$ .25

WHITE LIQUID DRIER

A very pale drier for use in white and light shades of paints, mixes readily with oil and has good strength.

Gal.	½ Gal.	Quart	Pint	½ Pint
$2.25	$1.45	$ .75	$ .45	$ .30

JOHNSON'S PASTE FLOOR WAX

Improves all floors, hard to mar, easy to clean, its regular use saves costly refinishing. Increases life of linoleum. Beautifies composition floors. Apply direct or over filler, lacquer, varnish, shellac or paint. It cleans, preserves and beautifies furniture, table tops, etc. To use on floors apply this coat of wax with cloth. Let dry 20 minutes, then polish with weighted brush. Apply second coat 24 hours later.

25 lb.	12½ lb.	5 lb.	1 lb.	½ lb.
$15.00	$8.50	$3.50	$ .75	$ .40

UTILIVAR DULL VARNISH

Dries with a velvety eggshell finish similar to a hand rubbed finish. Recommended for all interior wood surfaces. Produces a durable and waterproof finish. Dries in 4 hours. Undercoats should be built up of Utilivar Clear Varnish—the Utilivar Dull Varnish used as a finishing coat.

5 Gal. each	Gal. each	½ Gal. each	Quart each	Pint each	½ Pint each
$16.25	$3.50	$1.85	$ .95	$ .60	$ .35

FLOOR AND TRIM VARNISH

A heavy bodied, easy working varnish for floors, trim and general interior use. Recommended to the master painter for one-coat work on large jobs where an economical, durable and elastic gloss varnish is required.

Gallon	Half Gallon	
$2.50	$1.50	
Quart	Pint	½ Pint
$ .75	$ .45	$ .25

BEST CABINET RUBBING VARNISH

A high quality rubbing varnish, made from selected hard gum, for use on work where the finest finish is required. It has good body, brushes freely and is pale in color. Can be rubbed in about 2 days and polished if desired the day following. The finish is very durable.

5 Gal.	Gal.	½ Gal.	Quart	Pint	½ Pint
$16.25	$3.50	$1.85	$ .90	$ .60	$ .35

NIAGARA SIZING VARNISH

For use as a varnish sizing coat on plastered walls and on wallboard or other porous surfaces before the finishing coat of paint is applied.

Gallons, each $1.30

PAINTERS' GROUND COLOR

Dries quickly with a flat buff color and is used as a first coat on dark surfaces, that are to be finished in a lighter color, and as a first-coat on surfaces which are to be grained or stained with colored varnish.

Gallon, each.....$2.50
½ Gallon, each..... 1.35
Quart, each ..... .75
Pint, each ..... .45
½ Pint, each ..... .25

JAPANITE DRIER

A high grade Kauri gum Japan drier for use in paints. It is very strong and mixes readily with oil. Is heavy in body and its drying strength makes it an economical drier for the master painter.

Gal.	½ Gal.	Quart	Pint	½ Pint
$2.25	$1.45	$ .75	$ .45	$ .30

UTILIVAR QUICK DRYING ENAMEL UNDERCOAT

A white opaque undercoat which dries with a smooth, hard finish in 4 to 6 hours. It is especially suited for use as a foundation for Utilivar Quick Drying Enamel.

Gal.	½ Gal.	Quart	Pint	½ Pint	¼ Pint
$2.75	$1.50	$ .75	$ .45	$ .30	$ .20

UTILIVAR PALE GOLD AND ALUMINUM LACQUER

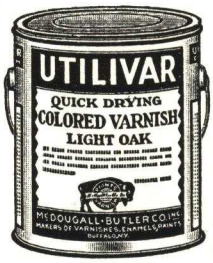
A brilliant and durable finish for use on radiators, pipes, fixtures and other metal and wood surfaces. Furnished in double compartment cans; powder and liquid in separate compartments.

One-Quarter Pint .....$ .40

JOHNSON'S LIQUID FLOOR WAX

Quart.....$1.85 Pint.....$1.00

UTILIVAR COLORED VARNISH



With a few strokes of a brush, an old piece of furniture is transformed into a beautiful and colorful article that everyone will admire. Utilivar colored varnish stains and varnishes in one operation. Simply apply it over the old paint, varnish stain or enamel.

It dries quickly with a bright glossy finish that is very tough and will withstand hard wear.

5 Gal. each	Gal. each	½ Gal. each	Quart each	Pint each	½ Pint each
$16.25	$3.50	$1.85	$ .90	$ .60	$ .35

OLD STAIN

A penetrating oil stain for use on new wood only. It dries quickly and does not raise the grain of the wood. These stains are permanent in color as it is possible to make them. Made in Light Oak, Dark Oak, Walnut and Mahogany.

Gallon .....each $2.25
Quart .....each .75
Pint .....each .45
½ Pint .....each .25

LePAGE'S LIQUID GLUE

Our glue is always ready for use. If you wish to thin, add a very little boiling water until glue flows freely.

Quart...$1.50 Pint...$ .85 Half Pint...$ .50

PLASTIC WOOD

A plastic material which hardens on exposure to air, giving a surface and body just like wood. When set it can be cut, varnished, painted or lacquered. Will hold nails, tacks or screws.

Price, per lb.....$ .10

CASCO WALL SEALER

For sizing or sealing rough or smooth plaster, fibre board, etc. To use, place one gallon water in one pound Casco Sealer, stirring with stick until lumps disappear.

Per lb. .....$ .50

PAINT AND VARNISH REMOVER

A powerful paint and varnish remover that quickly removes painted, varnished or shellacked surfaces. Does not raise the grain of the wood or injure the surface.

Gal.	½ Gal.	Quart	Pint	½ Pint
$2.50	$1.35	$ .75	$ .45	$ .30

COLORS IN OIL

Are composed of the finest colors obtainable, ground in pure linseed oil to an extreme degree of fineness. They have rich, pure tones and great tinting strength. These colors are much more economical than the coarsely ground colors often sold at an equal price.

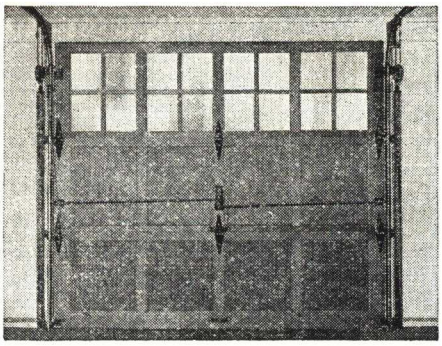
Refined Lamp Black.....$ .55
No. 1 Prussian Blue ..... .65
Raw and Burnt Umber..... .35
English Venetian Red..... .30
Rose Lake ..... .85
Chrome Green, all shades..... .35
Chrome Yellow, all shades..... .45
French Yellow Ochre..... .25
Cobalt Blue ..... .70
Ultramarine Blue ..... .60
Van Dyke Brown ..... .40
American Vermilion ..... .45
Tuscan Red ..... .45
Indian Red ..... .40
Golden Ochre ..... .30
Raw and Burnt Sienna..... .45

CRACK AND CREVICE FILLER

A very tough, elastic filler for use in filling cracks and crevices in floors. Easy to use. Will not crumble out. See full directions printed on each can.

Per Pound.....$ .25 Five Pounds.....$1.10

Garage Hardware



UPWARD ACTING GARAGE DOORS

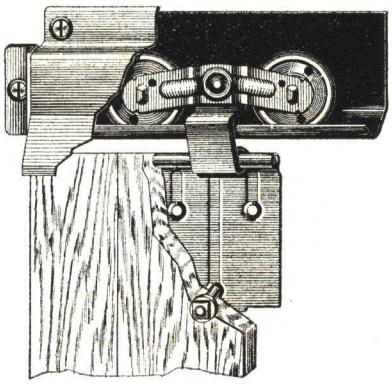
The most efficient upward acting garage door set on the market. Some of the major features are: white pine doors finished to size with hardware attached, thus insuring accuracy and economy. All hardware is sufficiently rugged and simple to provide positive safe action, indefinitely. Regularly furnished with one glass section, glazed, but any glass arrangement can be had. Available in sizes 7 - 6 x 7 - 0 to 12 - 0 x 12 - 0, the 8 - 0 x 7 - 6. Complete with all equipment.

No. 900 8 - 0 x 7 - 6 .....**$45.00**

THREE DOOR GARAGE SET

An inexpensive set of hardware for three doors. Durably constructed yet simple in operation. This set closes the doors weather-tight against the jamb. One door swings, providing easy access to the garage. The two fold tightly against the wall inside. The adjustable feature corrects sagging doors on an uneven floor. The price, which includes six feet of braced rail, for an eight foot opening, makes this the most economical and efficient set for three doors.

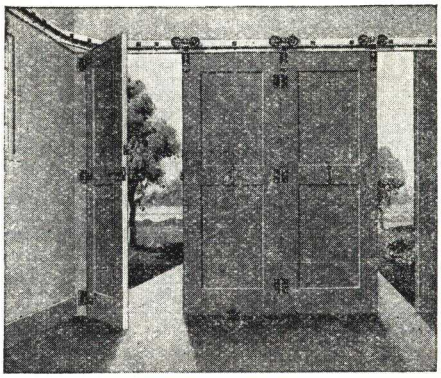
Nos. 805-806 .....**$3.50**



STORM PROOF HANGER

This hanger is designed for use on small barn doors, inside stable doors, shed doors and garage doors, where the heavy type of barn door equipment is not necessary. It is both rigid and flexible hanger. When the door hangs straight down, there is no vibration in the hanger, but the hinged joint allows it to swing out should anything bump against the door.

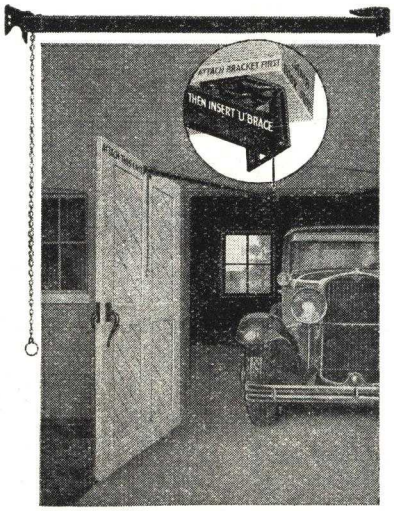
No. 55, per pair.....**$1.50**



AROUND THE CORNER GARAGE DOOR SET

This set commonly known as "around the corner." One door swings and the other two slide around the corner along the garage wall on adjustable swivel roller bearing hangers. A 6 x 8 foot length of track together with a factory bent curve are furnished with all other necessary hardware.

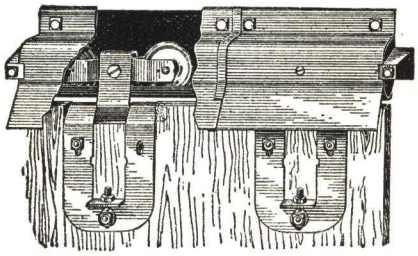
No. 803, per set.....**$5.25**



GARAGE DOOR HOLDER

Swinging garage doors are securely held open out of the way with this holder. To close door, a light pull on control chain releases the trip on holder.

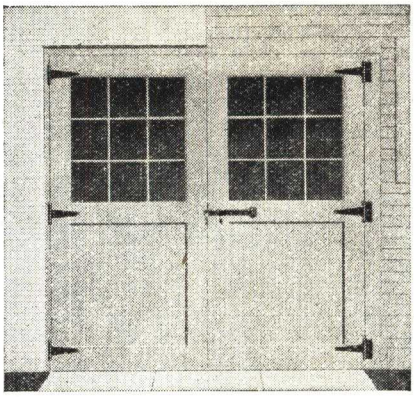
No. 810, per pair.....**$2.00**



HEAVY STORM PROOF HANGERS

This represents our greatest value in barn door hangers. This hanger is used in connection with our heavy storm proof rail. It has two adjustment features, vertical and lateral. The adjustment construction is very simple and easily operated. Another outstanding feature of this construction is that the door is carried closer to the rail than with any other adjustable hanger that we know.

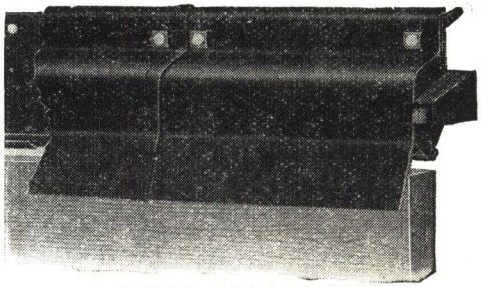
No. 88, per pair.....**$2.25**



TWO DOOR GARAGE SET

This is our most popular garage door set. Doors constructed to swing on hinges have many advantages over other types. The cost is much lower than for other types of hardware, yet this set is always easily operated and gives a close-fitting weather-proof job. This set consists of three pairs of heavy 8 inch tee hinges, a heavy garage door latch with attachment for lock, and a special foot bolt and chain bolt.

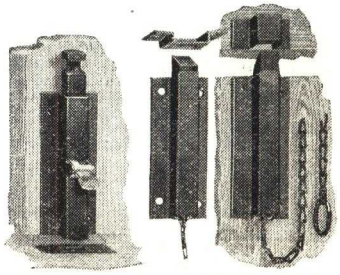
Nos. 800-801, per set.....**$1.95**



STORM PROOF RAIL

This rail comes in two weights, to be used with our two storm proof hangers shown on this page. It fits closely against the building. No brackets are required, as the rail itself forms a continuous bracket. It is storm proof and bird proof. The rail is exceedingly strong, and will support all the weight the hangers will carry. The rail joints are dove-tailed, eliminating the necessity of splice covers.

No. 55 Standard Weight Rail .....**$ .20** per ft.
No. 88 Heavy Weight Rail .....**$ .30** per ft.



FOOT AND CHAIN BOLTS

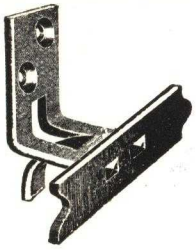
In making your own garage doors and hardware sets, these bolts are necessary to hold the stationary door. Also used for many other purposes.

Nos. 830-820, each.....**$ .40**

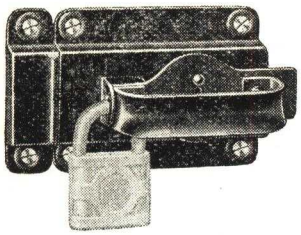
BRACED RAIL

Used with our Big 4 Hangers. During the time it has been on the market, millions of feet have been sold and is giving universal satisfaction. Any flat rail barn door hanger will run on it.

Price, per ft. .....**$ .08**



Builders' Hardware



SWING DOOR LATCH

Made entirely of steel. Adjustable for doors ¾ inch thick to 2¼ inch thick. Spring made of music wire. Easily installed; bore a ½ inch hole for the handle and insert screws.

No. CH25 Price, each .....$ .50

STEEL DOOR PULL

CH5, light, price, each.....$ .05
CH6, Heavy, price, each..... .08

HANDLE HINGE HASP

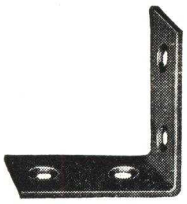
CH2 Price, each.....$ .15

ADJUSTABLE FLOOR GUIDES

CH20 Price, each.....$ .35

CORNER IRONS

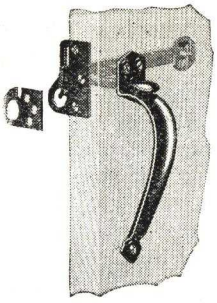
Size	Price Each	Price Doz.
⅝ x 2"	$ .02	$ .18
¾ x 3"	.03	.30



STRAP HINGES

Sizes given are one-half the total length. Screws not included. Priced by pair.

Light Size	Light Price	Heavy Size	Heavy Price
3"	$ .06	6"	$ .15
4"	.08	8"	.25
6"	.12	10"	.40
		12"	.75

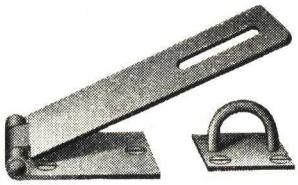


COTTAGE DOOR LATCH

This latch, made of steel, is designed especially for light-weight doors. It is finished in black japan. **CH29** is for heavy doors.

No. CH24
Light
$ .15 each

No. CH29
Heavy
$ .30 each



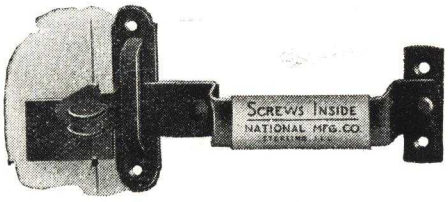
LIGHT SAFETY HASPS

CH30
Price
$ .10
Each

EXTRA HEAVY HINGE HASP

Especially adapted for use on heavy doors, such as front and rear store doors, etc. The hasp is offset to allow for the thickness of the staple plate.

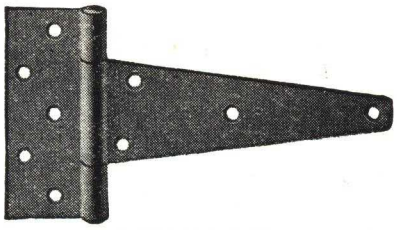
CH33 Price, each.....$ .25



SLIDING DOOR LATCH

Made entirely of steel, and is adapted for use on either right or left-hand sliding doors.

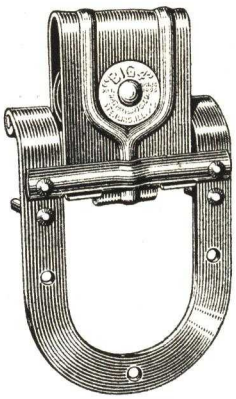
CH28 Price, each.....$ .35



TEE HINGES

Size given is measurement from joint to end of hinge. Screws not included. Priced per pair.

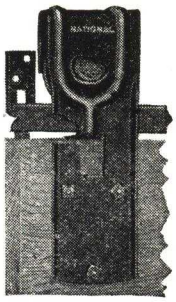
Light Size	Light Price	Ex. Heavy Size	Ex. Heavy Price
3"	$ .06	6"	$ .20
4"	.08	8"	.40
6"	.12	10"	.50
		12"	.80



FLEXIBLE DOOR HANGER

The leader of all barn door hangers. Made extremely heavy with steel roller bearings assuring long trouble-free service.

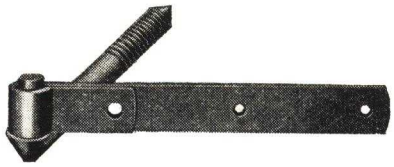
No. CH4
$1.35
per pair



RIGID BARN DOOR HANGER

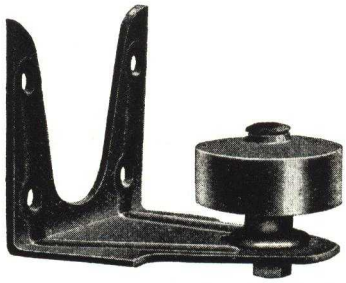
The embossed steel frame, with edges turned up, makes it very rigid. The lug turned in under the rail keeps the wheel from getting off, and serves as a guide for putting the hanger on the door. Fitted with anti-friction steel roller bearings.

CH11 Price, per pair **$ .90**



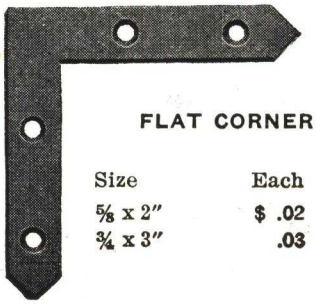
SCREW HOOK AND STRAP HINGES

Length Strap	Price Pair
12 inch	$ .60
16 inch	.90



REVERSIBLE STAY ROLLER

CH18 Price, each .....$ .20



FLAT CORNER IRONS

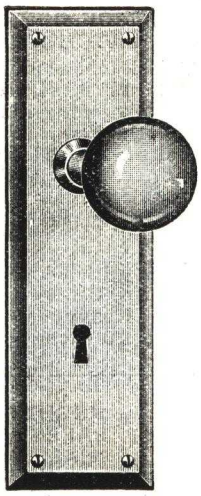
Size	Price Each	Price Doz.
⅝ x 2"	$ .02	$ .18
¾ x 3"	.03	.30

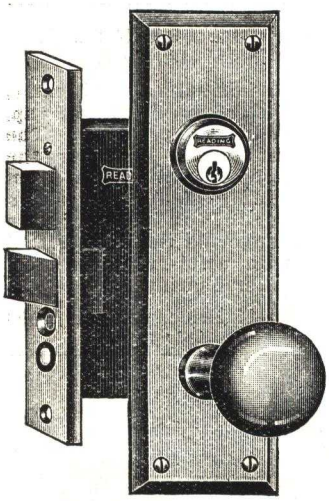
Front Door Sets of Quality

"BENTON" OUTSIDE LOCK SET

This lock is made of steel and finished in either dull brass or antique copper. Note the low price. Furnished with two plain round knobs. Equipped with bit key operated night lock. Complete with three bit keys. A good outside lock at a price as low as inside lock sets.

CHA9602 .....each $1.35





"BENTON" FRONT DOOR LOCK SET

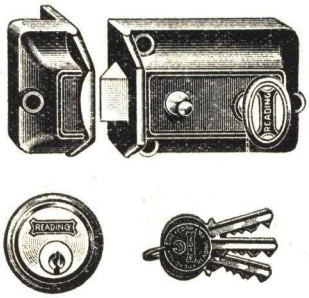
Made of solid brass throughout and finished in antique copper or dull brass. A high grade front door lock set of conservative design harmonizing with any style of architecture. Solid one-piece knobs both inside and out; with large square cut bevel plate on the outside. Furnished with solid brass lever tumbler cylinder lock and three keys. Comparison will show that our prices are considerably lower than the average on this type of lock.

CHO16331 .....$6.00

"BENTON" SECTIONAL RESIDENCE DOOR SET

Made of solid brass throughout and finished in antique copper, dull brass, or dull brass sand blasted. This is our best residence entrance lock set; will harmonize with the highest priced door for any type of residence; operated with beautiful curved handle and latch on the outside and one-piece knob on the inside. Furnished with solid brass lever tumbler cylinder lock and three keys. This is as near theft-proof as any lock can be.

CH15140½ .....each $6.00



RIM NIGHT LATCH

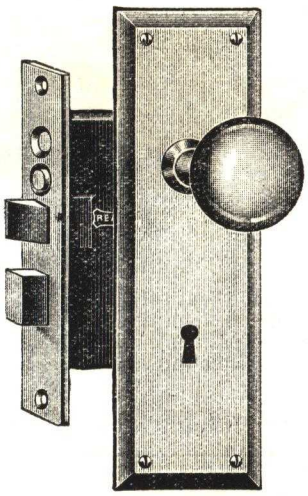
A high grade, perfectly manufactured night latch, cast iron case 3½ x 2⅝" and cast iron strike bolt of polished brass. Four pin tumbler mechanism, three cylinder keys, backset 2⅜". For doors up to 2½" thick. Operated from outside by key, from inside by knob. Deadlock will stop bolt against key. Complete with screws.

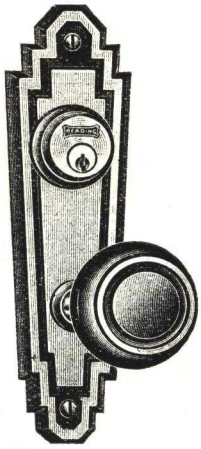
CH757 Heavy weight $1.25
CH645 Light weight ..... .60

"BENTON BRASS" OUTSIDE LOCK SET

This lock set is made of solid brass and finished in either dull brass or antique copper. A lock that will last the life of the building. Brass defies time and constant usage; the best of any material used for a lock. Has two plain round knobs. Equipped with bit key operated night lock. Complete with three bit keys. The best lock set you can buy at the price shown.

CH13623 .....$2.85





"RAWDON" FRONT DOOR LOCK SET

Made of solid brass throughout and finished in dull brass sand blasted. This is a strictly modernistic design with high lights in brass on a dark background. This also has the protection of our solid brass lever tumbler cylinder lock and three bit keys. A modern lock for the modern home. It is very popular and one of our biggest sellers.

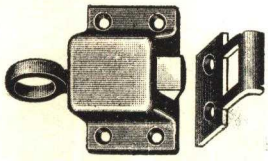
CHO16632 .....$6.00

"RIGBY" RESIDENCE LOCK SET

Our "Rigby" residence lock set carries out the old English hand hammered design perfectly. This set is made of solid brass and finished to represent dark oxidized iron. It is particularly suited to our heavy slab and plank front doors and gives you the same protection afforded by our best cylinder lock. The items listed below comprise the entire set of this finish to harmonize with this design.

Lock Set only $8.00
Door Knocker 4.00
Electric Push Button 1.50
Hinge Plates 18" each..... 5.00

Lock Sets in Every Design



TRANSOM CATCHES

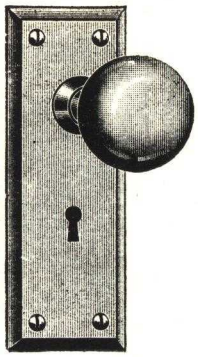
Made of wrought steel, plated, friction polished.

CHP561¼ .....$ .15 each

"BENTON" INSIDE LOCK SET

Straight line design. Universally popular. Especially good for repair work, and priced at the bottom of the market. Made of steel and finished in either dull brass or antique copper. Complete with two keys.

CH1604 ..$ .50 each



"BEMIS" INSIDE LOCK SETS

If you want something different in a lock set, the "Bemis" will serve the purpose. Made of steel and finished in dark brass. Note the low price. Built to give lasting service. Furnished complete with two keys.

CH1605 .....$ .75 each

FLOOR DOOR STOP

Made of cast iron. Height 2¼" Base is 1¼" and screw is 1". Finished in antique copper or dull brass.

CHP620 .....$ .08 each

DOOR STOPS

Made of cast iron. Projection 2¼"; base 1" and screw ⅝". Finished in dull brass or antique copper.

CHP0625 .....$ .05 each

"RAWDON" GLASS KNOB SET

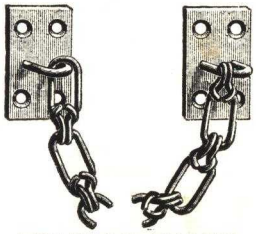
Made of steel and finished in dull brass. Has round glass knob. A set that will stand out in any modern home. The price is as low as ordinary inside lock sets. Furnished complete with two keys.

CH1322 .....$ .85 each

"BEMIS" GLASS KNOB SET

Made of steel and finished in brass sand blasted. Has flared glass knob. A set that will improve the real estate value of your home many times the cost of the set. All modern homes have glass knob sets. Two keys furnished.

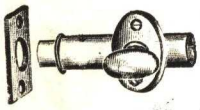
CH1226 .....$1.00 each



TRANSOM CHAINS

Made of wrought steel; plated, friction polished.

CHP100¼ .....$ .10 each



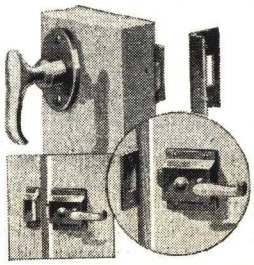
MORTICE DOOR BOLT

Used for closet doors or as deadlock for outside doors—operated from inside only. Price ea. $ .25

RIM SCREEN DOOR LATCH

Handle and spindle cast in one piece; no washers required. Latch and screws electro-galvanized before plating. Finished in dull brass or antique copper.

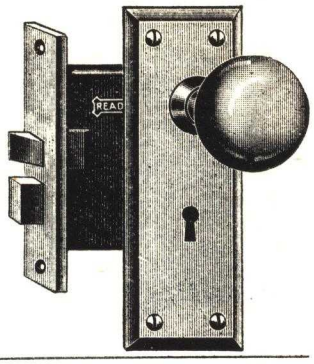
CH95 .....$ .40

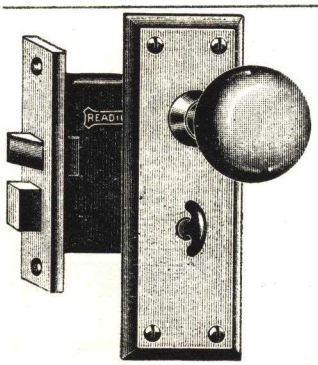


"BENTON" BRASS LOCK SET

A popular design. Made of solid brass and finished natural or in antique copper. Universally popular. Too often one tries to economize on the lock sets used. There is nothing more disgusting to the home owner than troublesome lock sets. Here is a lock that will give you trouble-free service.

CH13623 .....$2.85 each

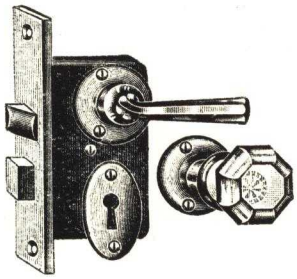




"BENTON" BATHROOM LOCK SET

Made of steel and finished in nickel. Has plain round knobs on both sides, and equipped with closet spindle for locking from inside of bathroom. Two keys with each lock.

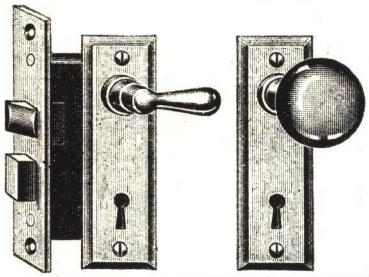
CH7280 .....$1.20 each



"RAWDON" FRENCH DOOR SET

Made of steel and finished dull brass sand blasted. Equipped with artistic glass knob on one side and lever handle on the reverse side. A popular design that will make your French doors stand out. Two keys come with each lock.

CH13603 .....$1.75 each



"BENTON" FRENCH DOOR SET

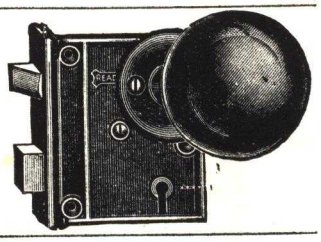
Made of steel and finished in dull brass or antique copper. Equipped with one plain round knob and lever handle on the reverse side. An inexpensive French door set that will last many years. Two keys come with each lock.

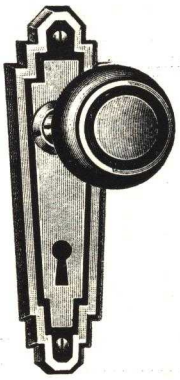
CH2705 .....$ .95 each

RIM KNOB LOCK

Made of cast iron with black or brown porcelain knobs; an inexpensive job; does not have to be mortised in door. Used for cabins, closet doors and any place where an inexpensive set is necessary. Furnished complete with two keys.

CH421J .....$ .40 each

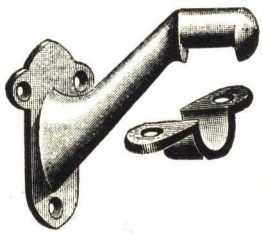




"RAWDON" INSIDE LOCK SET

Made of steel and finished in dull brass sand blasted. Has round embossed knobs. A modern lock for the modern home. Looks well in homes that are trimmed with hardwood interior trim. Furnished complete with two keys.

CH1604 $.75 each

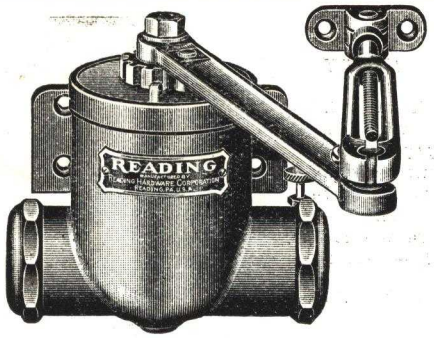


HAND RAIL BRACKETS

Made of steel and furnished in either dull brass or antique copper. Base is 3 x 1⅜"; 2¾" to center of rail.

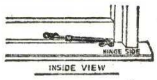
Price .....$ .15 each

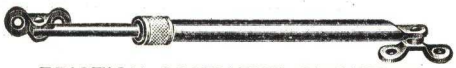
High Class Hardware



DOOR CLOSER

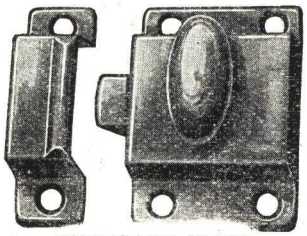
Made of malleable iron and guaranteed against all defects in material or workmanship. Will handle any door not larger than 3 - 0 x 7 - 0.
Each $11.75





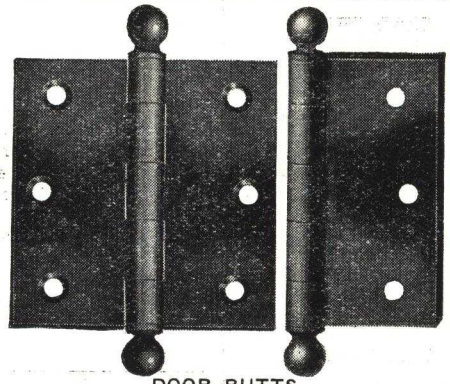
FRICTION CASEMENT ADJUSTER

For Sash opening out .....$ .75 each



CUPBOARD TURN

Made of cold rolled steel and finished in either dull brass or antique copper.
CH699 Nickel Plated $.10 CH702 D.B. or A.C.$.15



DOOR BUTTS

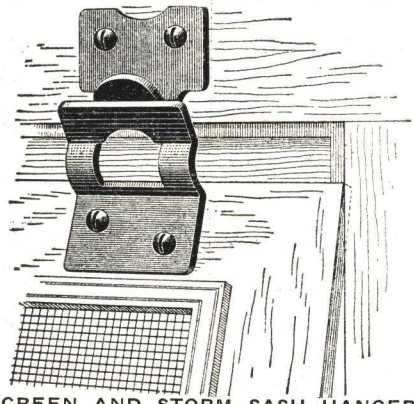
Made of steel and finished in dull brass or antique copper. 3 x 3, per pr., $ .20; 3½ x 3½, per pr., $ .20; 4 x 4, per pr., $ .30.

Half Surface Butts
3½ x 3½ .....$ .30

Friction Butts
3 x 3 .....$ .30

Loose Pin Butts
2½ x 2½ .....$ .20

Bright Steel Butts
2½ x 2½ .....$ .10



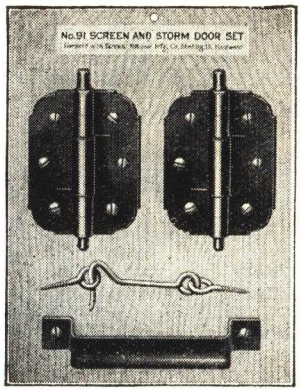
SCREEN AND STORM SASH HANGERS

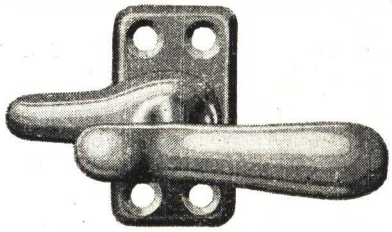
To attach the hangers, first attach the bottom piece to the screen or sash and then fasten the hook on casing. CH80 $ .06 each $ .60 per doz.

SCREEN and STORM DOOR SET

CH91

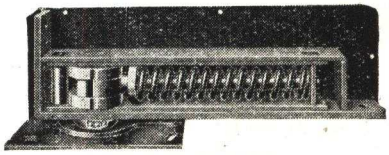
Price $ .25 per set





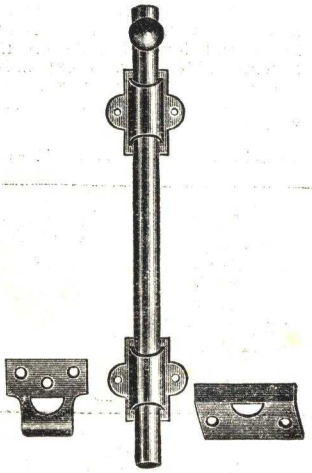
CASEMENT WINDOW FASTENER

Furnished regularly with rim strikes. Made of steel throughout. CH750, Price, each ....$ .15



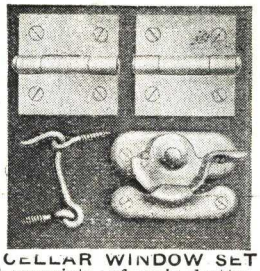
FLOOR HINGE

For double acting doors. Smooth easy acting. For doors up to 1¾" thick.
CH240 .....Price, each $1.30



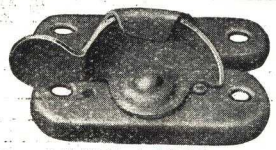
SURFACE BOLTS

4", each $ .20 9", each $ .25



CELLAR WINDOW SET

Set consists of pair butts, sash lock and hook and eye.
Price, per set.....$ .15

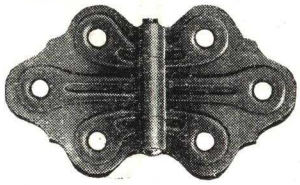


SASH LOCKS

Made of cold rolled steel throughout, taking an exceptionally fine finish. Furnished in dull brass or antique finish.
CH600 $ .07 each $ .75 per doz.

CRESCENT DRAW PULLS

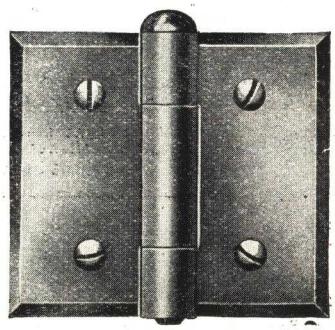
Made of pressed steel, highly finished in dull brass or antique copper.
CH105 .....$ .03 each



ORNAMENTAL HINGE

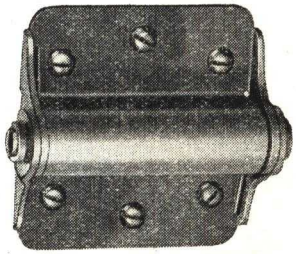
Made of cold rolled steel. Embossed leaves. Smooth knuckles.

CH485.....per pair $ .15
CH455.....per pair .15



SQUARE BEVELED ORNAMENTAL SURFACE HINGES

Finish		Price
Dull Brass	.....per pair	$ .15
Antique Copper	.....per pair	.15
Nickel	.....per pair	.20



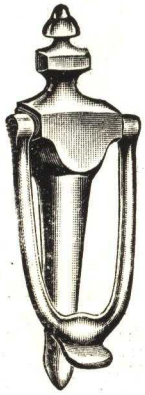
SURFACE SPRING HINGE

Made of heavy-gauge steel. Strong, dependable and fully enclosed.
CH123.....each $ .50

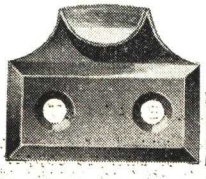
DOOR KNOCKERS

Made of solid bronze. Unusually attractive, neat design and very popular. 8 x 2½ inches. Complete with the screws.

CH711 $2.50 each



STEEL SASH LIFT



Made of pressed steel. Stocked in dull brass and antique copper finish.

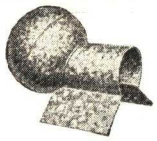
Hook	CH135	$.03 each	$.25 doz.
Bar	CH160	.05 each	.50 doz.
Flush	CH140	.03 each	.25 doz.

Conductor Pipe, Eaves Trough and Fittings

GALVANIZED CONDUCTOR PIPE

Heavy galvanized steel, in 10 foot lengths with no cross seams. Carried in stock in corrugated as well as plain. Easy to put together. Copper items made of 16 oz. cold rolled copper. Price per foot.

Size	Galvanized	Copper
2-inch	$ .05	$ .16
3-inch	.06	.19
4-inch	.08	.26

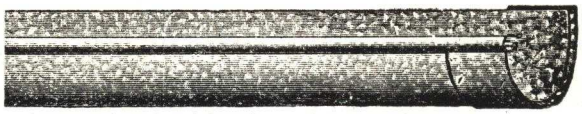


RIDGE ROLL FINIAL

For use on end of ridge roll. Heavy galvanized steel; very neat. Order one for each of your ridge rolls. 8″ girth for 1½″ roll. Copper finial made of 16 oz. cold rolled copper. Galv. $.35, Copper $1.75 ea.

ROUND RIDGE ROLL

Galvanized steel, roll 1½″ diameter; 10″ girt, extra heavy weight; long wearing and presenting a neat appearance. Comes in 10 foot lengths only. Copper ridge made of 16 oz. cold rolled copper. Galv. per ft. $.05 Copper, per ft. $.18



SLIP JOINT EAVES TROUGH

No soldering required. Galvanized steel. One end is fitted with folded seam, plain end slips into this and locks securely; water tight; quickly put up; economical, as it does away with the expense of soldering. Comes in 10 foot lengths at the seam. When ordering, always specify right or left end trough. Copper eaves trough made of 16 ounce cold rolled copper. Price, per foot.

Size	Galvanized	Copper
4-inch	$ .05	$ .15
5-inch	.06	.18
6-inch	.07	.24

HOW TO ORDER EAVES TROUGH

The bead on the trough is always on the outside as you face the building. The slip-joint should be on the end of the trough toward which the water flows. So wherever the water flows to the right when you are facing the building, order right-hand troughs and corners. Wherever the water flows to the left, order left-hand troughs and corners.

EAVES TROUGH OUTLET

Picture shows outlet in position. End of trough is lap joint to fit eaves trough. Copper outlets made of 16 oz. cold rolled copper. Price, each.

Size	Galv.	Copper
4″	$ .25	$ .55
5″	.25	.65
6″	.30	.85

END CAPS

For eaves trough or adjustable outlets. Made of galvanized steel in the eaves trough sizes. Copper end caps made of 16 oz. cold rolled copper. Price, each.

Size	Galv.	Copper
4″	$ .10	$ .20
5″	.12	.25
6″	.15	.30

TERNE PLATES

Made from copper-bearing base sheets. coated with pure lead and tin. As rust-proof as Terne plates can be made. Each sheet is 20″ x 28″. Weight, 2½ lbs.

Size	Price
20 x 28″	$ .35

TIN SHINGLES

Made of best heavy galvanized roof tin, cut to exact size. Useful in repairing old roofs. Painted on two sides.

Price, each $ .02 Price, per 100 $1.50

No. 3
Angle 75 degrees

ELBOWS

Made of heavy galvanized steel. Copper elbows made of 16 oz. cold rolled copper. Price, each.

Size	Galv.	Copper
2″	$ .15	$ .55
3″	.20	.65
4″	.30	.85

CORNERS OR MITRES

Made of heavy galvanized steel, for both inside and outside; bead slip joint construction. Water tight. Copper finial made of 16 oz. cold rolled copper. Price, each.

Size	Galv.	Copper
4″	$ .40	$ .60
5″	.45	.70
6″	.50	.98

EAVES TROUGH CONNECTORS

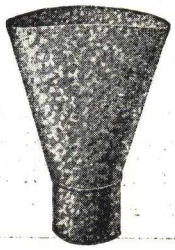
Made of heavy galvanized steel. Used to connect the plain ends of two pieces of eaves trough. Copper connectors made of 16 oz. cold rolled copper. Price, each.

Size	Galv.	Copper
4″	$ .07	$ .20
5″	.08	.25
6″	.09	.35

FUNNEL

Used for running two conductors into one. Made of heavy galvanized steel. Size of lower spout indicated. Copper funnel made of 16 oz. cold rolled copper. Price, each.

Size	Galv.	Copper
2″	$ .30	$1.05
3″	.40	1.25
4″	.50	1.60



CONDUCTOR CUT-OFF

This conductor cut-off is made of galvanized steel; durable, simple, and very inexpensive. It is the strongest and best cut-off that has ever been put on the market. Copper cut-offs made of 16 oz. cold rolled copper. Price, each.

Size	Galv.	Copper
2″	$ .67	$2.00
3″	.79	2.50
4″	.99	3.25

Shoe
Angle 75 degrees

SHOE

Heavy galvanized steel, plain or corrugated. Be sure to specify size. Shoe is made same as elbow, but has heavy metal band around one end. Copper fittings made of 16-oz. cold rolled copper. Price, each.

Size	Galv.	Copper
2″	$ .15	$ .45
3″	.20	.55
4″	.30	.85

WIRE STRAINER

In outlets of eaves trough —prevents stopping up conductor, keeps the dirt out of the cistern. Copper fittings made of 16 oz. cold rolled copper. Price, each.

Size	Galv.	Copper
2″	$ .09	$ .15
3″	.10	.20
4″	.11	.30

TROUGH HANGERS

For attaching eaves trough to roof. Made of heavy galvanized wire. Copper hangers made of 16 oz. cold rolled copper. Price, each.

Size	Galv. Wire	Cop. Wire	Galv. Strap	Cop. Strap
4″	$.02	$.15	$.03	$.16
5″	.03	.16	.04	.17
6″	.04	.17	.05	.18

CONDUCTOR HOOKS

Made of galvanized malleable iron. Used to attach conductor pipe to side wall. Copper hooks made of 16 oz. cold rolled copper. Price, each.

Size	Galv.	Copper
2″	$ .05	$ .15
3″	.06	.18
4″	.08	.25

EAVES TROUGH DROP

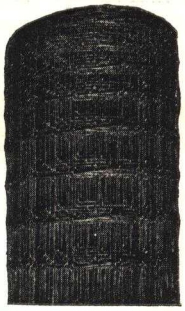
Made of heavy galvanized steel. Used on eaves trough forming outlet. When using this piece, it is necessary to cut the eaves trough and solder this section to it. Copper drop made of 16 oz. cold rolled copper. Price, each.

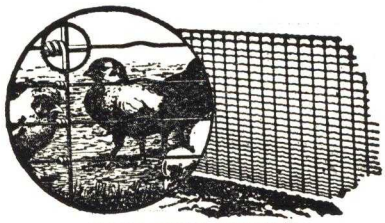
Size	Galv.	Copper
2″	$ .07	$ .14
3″	.09	.18
4″	.11	.22

Fencing for Every Purpose

FENCING FOR EVERY PURPOSE

We buy several cars of fencing every year from some of the best manufacturers of fencing in the United States. We carry a large assortment of fencing at our yard in Odessa. Whether you want a fence for your farm, cattle, sheep, hogs, poultry or lawn, you will save by getting it at Cotton-Hanlon's. It is made of the best steel wire obtainable and special hot zinc coated for enduring rust protection. It will outlast or equal in service any other fence made of equal gauge, regardless of price. When comparing prices, kindly keep in mind that our prices are delivered to your door per our Zone Delivery Plan, while those quoted in other catalogs are at the factory or warehouse, and freight and cartage must be considered.





POULTRY FENCE

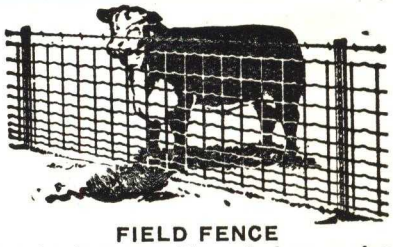
This is a very popular poultry and garden fence. Highest quality and sturdy enough to be used as light weight stock fence. The construction is of the finest. Heavily galvanized wire uniformly tied at each intersection with the approved hinge joint. Top wire is No. 11 gauge, bottom wire No. 12 gauge; all others No. 14½ gauge. Upright wires are spaced one inch at the bottom, gradually widening to four inches apart at the top. It will be to your every advantage to get your poultry fence from us.

48-inch Poultry Fence, per rod.....$ .35
60-inch Poultry Fence, per rod..... .45
72-inch Poultry Fence, per rod..... .55

FARM FENCE

Both top and bottom wires are No. 10 gauge; all other wires are 12½ gauge. One of the most popular types of fence manufactured. Stretches easily. The hinge joint between line and stay wires makes a perfect union and adds years of service to the fence. It is impossible for the wire to spread. The ideal fence for hogs, sheep and stock.

Number Bars	Height Inches	Stays Spaced	Price Per Rod
7	26	6″	$ .30
8	32	6″	.34
8	45 Knot Jt.	6″	.45
8	45 Knot Jt.	12″	.34
Extra Heavy Fence—9 and 11 gauge wires.			
8	45	12″	.40



FIELD FENCE

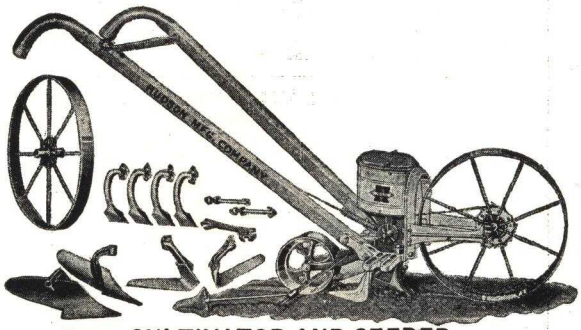
Used for horses, cattle and sheep enclosures. Top and bottom wire are No. 10 gauge. All other wires are 12½ gauge. Heavily coated with zinc and made to last. Comes in various heights. It is of hinge joint construction, making it impossible for the stay wires to spread. We have sold a great deal of this fence in this locality, and have every reason to believe it is among the finest.

Number Bars	Height	Stays Spaced	Price Per Rod
6 Special	35″ Special	12″ Special	$ .21
6	35″	6″	.32
8	45″	12″	.27
8	45″	6″	.40

PERFECTION SPRAYER

Perfection Sprayer, capacity 4 gallon, riveted and sweat soldered throughout. Fitted with adjustable shoulder strap. Pump is brass attached to tank by malleable cap. Nozzle is all brass, automatic in operation. Regularly fitted with 2 foot extension.

Galvanized $5.85 All Brass $8.75



CULTIVATOR AND SEEDER

This is a combination outfit comprising six tools in one. May be used as a hill seeder, drill seeder, a double wheel cultivator, plow or hoe, or a single wheel cultivator, plow or hoe. It has all the equipment to serve the gardener from the initial seeding until final cultivation. It is readily converted from one use to another, the change from seeder to cultivator being accomplished by removing two bolts, one standard frame being used throughout. The outfit then becomes a cultivator, the sturdy high arch frame adapting it for use either astride or between the rows. As a seeder, this machine opens the furrow, drops the seed, closes the furrow, packs the earth and marks the next row—all in one operation. Parts are made of the best material, properly designed and carefully fitted together. It is a field tested tool which will give real satisfaction.

As Illustrated. Price $12.00 Garden Plow (not shown) CH340 $3.00

HUDSON CLIMAX SPRAYER

High pressure compressed air sprayer at a minimum cost; simplicity of construction permitting its attractive price. Adapted to all classes of work. Pump is brass. Locks or releases by half turn of the pump handle.

Price $3.35

HAND SPRAYER

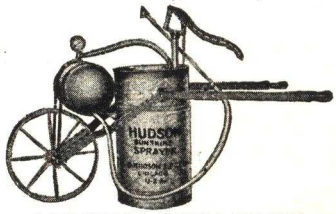
Galvanized steel tank, 3 quart capacity. Pump is 13 inches long, 1½″ in diameter. Adjustable nozzle.

Price $1.25

SUNSHINE SPRAYER

Hudson Sunshine Sprayer, adaptable for use of florists, nurserymen, small orchards, vineyards, truck gardens and whitewash for disinfecting poultry houses, dairy barns, etc.

Price $12.50

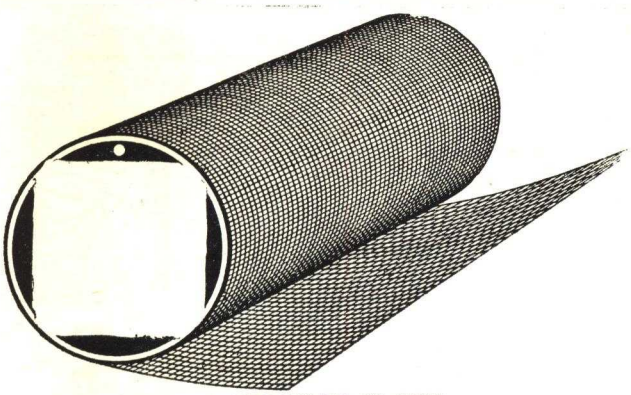


SPRAYER WITH TANK

Sunshine Sprayer with reserve tank. The reserve air pressure tank with this sprayer thoroughly makes it a one-man outfit. If head of pressure has been developed, the sprayer will work for some little time before further pumping is necessary.

Price $23.50

Quality Fence Products at Low Prices

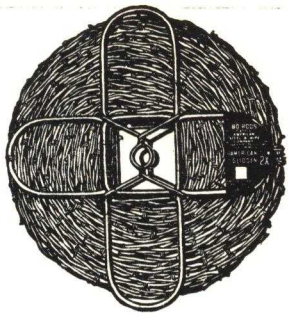


HARDWARE CLOTH

Highly recommended for making corn cribs, poultry houses, and bins, rat proof. Also used for window guards, fruit evaporators, screens, tiger cages, sifters, etc. Many use it to reinforce concrete. Made of heavy gauge wire, woven in uniform mesh and heavily galvanized. Is strong and durable. We carry in stock the ½ inch mesh.

Prnce, per square foot.....$ .04½
Price, per 100 square feet..... 3.75

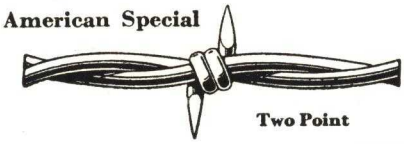
BARBED WIRE



Every spool contains 80 full rods. All wire is first quality and heavily coated with zinc. We have both the two point and four point wire. The four point is made of 12½ gauge material and the two point of 14 gauge material. The four point weighs between 95 and 110 lbs. and the two point weighs between 50 and 65 lbs.

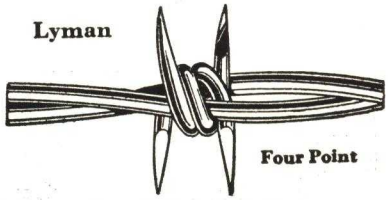
	Price
Two Point, per roll	$2.35
Four Point Cattle, per roll	3.10
Four Point Hog, per roll	3.35

American Special

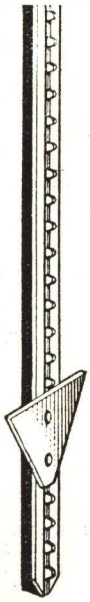


Two Point

Lyman



Four Point



ANGLE STEEL FENCE POSTS

These posts are made of steel and painted green. They are designed for general farm use where a light weight post is desired. They are easy to handle, easy to drive, strong, and serviceable. The rolled section is 1¼" x 1¼" x $\frac{9}{64}$". One side of the angle is punched with holes $\frac{3}{16}$" wide by ⅝" high, spaced 2" centers. Fence or barbed wire can be easily attached with ordinary staples. A large triangle shaped anchor or face plate is used on these posts. Don't forget—Our prices are delivered.

Total length of post 7 ft., for fences up to 60". Price each $ .35

TUBULAR STEEL POSTS

These tubular line posts are made of extra-heavy redrawn seamless steel tubing, galvanized with a thick coat of zinc spelter. The walls of this tubing are heavier and thicker than other similar style posts. Do not confuse these posts with ordinary posts which are of light gauge sheeting, and have open seams or welded seams. These posts are one-piece construction, having walls a great deal thicker than you will find in ordinary posts. They will stand up under any strain or any condition for years. Diameter of post is 1¾ inches.

Diam. 1¾"	Total Lengths For of Fences Post up to		Price Each
Line Posts	7'	60"	$1.20
End Posts	7'	60"	2.80
Cor. Posts	7'	60"	3.90

Priced with galv. ball tops. For plain top deduct $ .40.

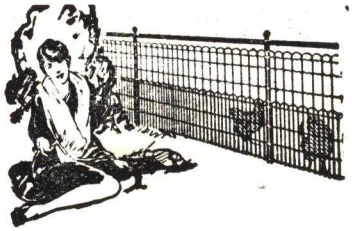
Set of Gate Castings

Consists of two hinge castings and one catch for use on our round gate posts. Price per set $1.35

T-STEEL FENCE POSTS

Our T-Steel Posts are shaped like a railroad rail—built for strength, durability, dependability, and long life. Our special anchor plates drive straight, automatically packing the soil to form the most solid kind of anchorage for the post. Closely spaced notches on the face of the post make it possible to attach the line wires with clamps which are furnished free. If you want straighter, stronger, better, and more lasting fences, this would be the post to buy.

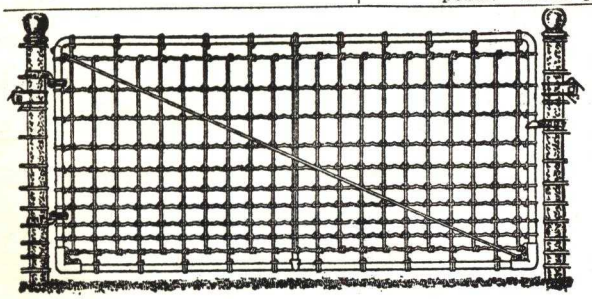
Total Length of Post	For Fences up to	Price Each
7'	60"	$ .45



LAWN FENCE

Beautify your lawn with this attractive and useful fencing. Its close spacing at the bottom keeps out small animals and chicks. Made of the best fencing wire obtainable, and heavily coated with zinc. Wire pickets are 9½ gauge and spaced 2⅞" at the top and 1⅜" at the bottom. The 13 gauge line wires, twisted around each picket, are spaced six inches apart. Built to give lasting service. Height is 42 inches.

Price, per lin. foot .....$ .12½



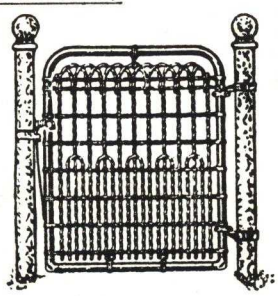
TUBULAR DRIVE GATE

A good gate is a good investment.

No fence is complete without sturdy, substantial, attractive gates that match the fence in appearance, and are easy to swing and self-latching. Not only do they save time, annoyance, and give an assurance against a gate being carelessly left open, but they last longer, save repairs, and are more satisfactory in every way. Why put up with a flimsy wooden gate, or home-made affair? Finish off with our high-class gates, and do the job right.

Description—Frames made of high carbon galvanized steel tubing, 1⅜ inch outside diameter, fitted with square-bottom corners, malleable sleeves. Filler of all No. 9, six inch stay. Gates with 10 or 12 foot opening, one center bar support prevents sagging. Complete fittings of latch and hangers for wood posts.

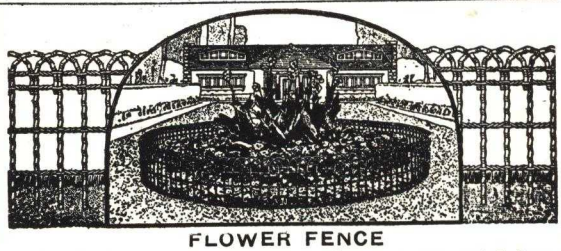
Height	Opening	Weight	Price As Shown	Price Scroll Top
54 inches	12 feet	80 lbs.	$7.25	$10.50
54 inches	14 feet	94 lbs.	8.25	12.00
54 inches	16 feet	104 lbs.	8.75	....



LAWN GATES

Our gates combine rigid construction, durability, neatness, ease of hanging, and ease of operation. The frames are made from new seamless steel tubes which afford great strength, and are galvanized to insure durability. The bottom corners are held by heavy castings telescoped deep into the tubing to insure strong, rigid construction. Price includes fittings for wood posts. The frame is covered with heavy 9 gauge ornamental double scroll lawn fence.

Size	Price
3½' x 4' .....each	$4.25



FLOWER FENCE

All of the superior features of our ornamental lawn fences, and a few more, are to be found in this unique flower fence. It is the one flower bed guard that can be pushed into place without disarranging a single wire. Scrolls are fixed and the wires inseparably welded at the joints, preventing any injury to the fabric by pushing or pulling. Special hot zinc coated for durability. When in place, this is truly an effective fence. Keeps dogs, chickens, etc., out of your flower bed as well as making it more attractive. Height is 16 inches. Price, per lin. foot.....$ .08

POULTRY NETTING

This fence is made from special prepared steel. Fabricated and galvanized by latest improved process, insuring longer life and maximum weather protection.

Rolls out flat—and stretches even, thus saving time and trouble in erection as well as assuring a better looking fence.

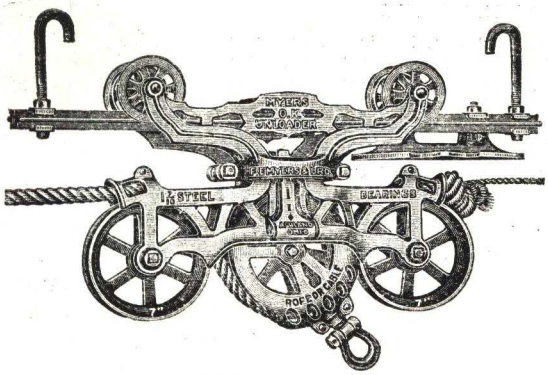
Carried in stock—all widths—12 to 72 inches.

2" mesh (Less than full rolls), per square foot .. $ .01
1" mesh (Less than full rolls) Per square foot .... .01¾

Price in Full Rolls—150 Lineal Feet

Width		12"	18"	24"	30"	36"	42"	48"	60"	72"
Ga.	Mesh									
19	2"	$1.04	$1.50	$1.91	$2.29	$2.81	$3.04	$3.48	$4.24	$5.20
20	1"	2.05	2.94	3.75	4.47	5.11	5.97	6.81	8.50	10.22
Sq.ft. full roll		150	225	300	375	450	525	600	750	900

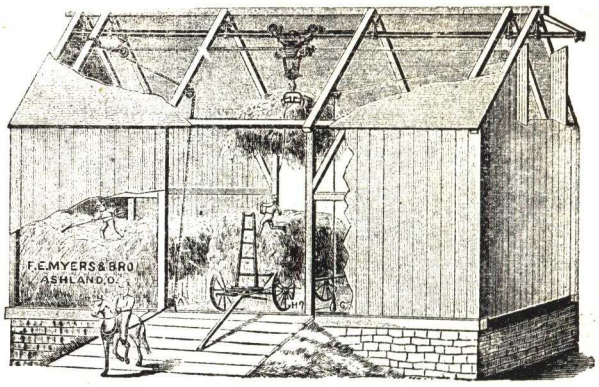
Hay Handling Equipment



HAY UNLOADER

You may use cable draft rope or ordinary rope for this hay unloader. It is equipped with extra long truck. The car may be had adjustable to fit all tracks. Has 16″ wheel base, large steel bearings and will fit all standard makes of steel tracks. It is of the greatest importance that implements of this class should be thoroughly constructed. The best malleable iron is used in the construction of our goods. We have sold a large quantity of these hay cars in the past and have many satisfied customers.

No. 201 ..... $ 9.00
No. 208 ..... 11.00



The advantages of hay handling equipment, as a means of storing away hay or grain in a barn or shed, are so well and generally known that it is not necessary for us to go into detail regarding the same, but simply state the fact that they save time and the expense of from one to three men for each day of harvest—the cost of which will pay for the outfit, in from two to three years. It is oftentimes necessary to store away hay in a hurry to keep it from getting spoiled. Three tons of hay thus saved will pay for the entire outfit.

AUTOMATIC GRAPPLE FORK

This fork is unlike any other, inasmuch as it is not only balanced at all points, but in addition, the natural pull on the trip rope closes the fork and locks it securely, thus returning it to the load, all ready to enter the hay without any attention whatever from the operator as to setting the lock, etc. It is double braced throughout, making it very rigid and strong.

Price, each $9.50

MANILA HAY ROPE

The fresh manila fibres in this rope are extremely long and hard, twisted in neat, smooth strands of unusual thickness. It is a rope that shows its fine construction and great strength the moment you get it in your hands—a standard, dependable quality that you may buy with complete confidence that your money is well spent.

		Price
Clipper Brand	per lb.	$ .20
No. 1 Pure Manila	per lb.	.19
Superior	per lb.	.22
Amco Rot-Proof	per lb.	.22

FLOOR HOOKS

⅝″ ..... $ .13
¾″ ..... .16

RAFTER BRACKETS

The bracket is V-shaped, and is used to support hanging hook by nailing to back of rafters on the cross beam, and is held to rafter by using heavy nails. Use one for each hanging hook.

Price, each .... $ .05

PLAIN PULLEY

This pulley has a 6″ hard maple sheave. The frame has heavy ribs and a swivel eye and follows the rim of the sheave to a point on the opposite axle. This prevents the wear of the rope in drawing over the side of the case frame, as is the case on most all plain pulleys. Axle 1⅛″ in diameter.

Price, each ..... $ .60

HAY RACK CLAMPS

Used to build racks for grain, etc.

Price, each $1.35

WOOD FRAME PULLEYS

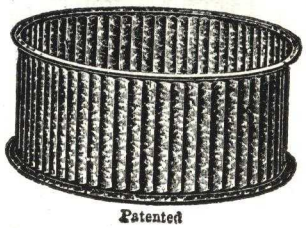
Our wood frame pulleys are made with wrought iron axle, supported as shown in the cut. The frame is hard wood, riveted together at the top. The sheave revolves on a large axle. This pulley is fitted with either malleable, eye or steel hook. 4½″ wood sheave.

Price, each ..... $ .60

DOUBLE HARPOON FORKS

These forks are recognized as standard implements for the unloading of hay, grain or fodder from the wagon and to the mow, or onto the stack. The material used in the construction of these forks is the best that can be had for that purpose. We carry several sizes as shown below.

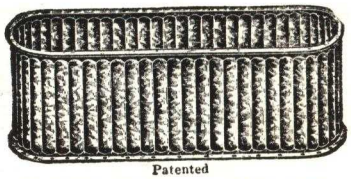
No. CH268	25 inch	$2.25
No. CH451	31 inch	2.50
No. CH1314	31 inch	2.75
No. CH670	30 inch	6.00



Patented

STOCK WATERING TANKS

These watering tanks are made entirely of full weight, 20 gauge, prime galvanized sheets, corrugated construction. Will withstand any water pressure and also allow for expansion and contraction due to heat and frost. The flanges at the top and bottom are formed from the same piece of material as the sides. This will add to the life of the tanks. Carried in sizes shown below.



Patented

ROUND END STOCK TANKS

Width Feet	Height Feet	Length Feet	Capacity	Price
2	2	4	90 gal.	$5.75
2	2	5	118 gal.	7.25
2	2	6	144 gal.	8.45
2	2	7	170 gal.	9.25
2	2	8	197 gal.	10.25
2½	2	6	197 gal.	9.25
2½	2	7	225 gal.	9.95
2½	2	8	245 gal.	11.50
2½	2	10	315 gal.	13.85
3	2	8	295 gal.	12.35

ROUND TANKS

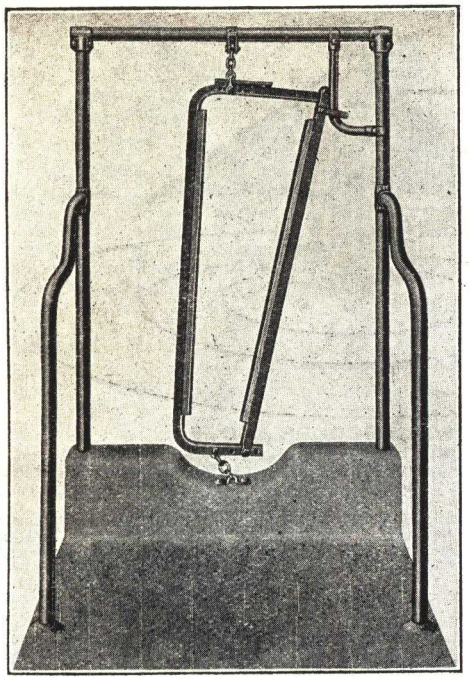
Diameter	Height	Capacity	Price
3′	2′	100 gal.	$6.95
4′	2′	166 gal.	7.95
5′	2′	262 gal.	10.25

FLOOR PULLEY

This floor pulley has a strong frame and swivel eye. It is constructed with either 4½″ iron or wood sheaves and has an eye at the top by which it can be fastened up to the post, thus preventing it from becoming unfastened from the hook or tangling of rope.

Price, each ..... $ .65

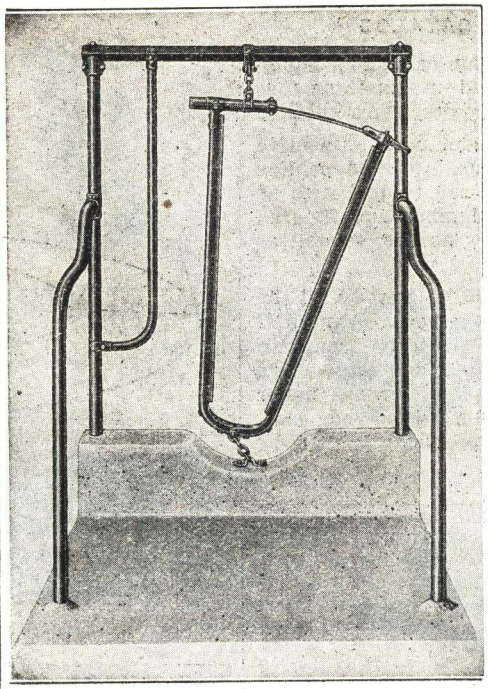
Lowest Prices on Barn Equipment



STEEL U BAR STANCHION

A very unusual value of popular design—the choice of thousands of dairymen. Quickly and easily adjusted, easy to install. The latch is simple, strong, easy to operate and trouble proof. Cannot be opened by cow.

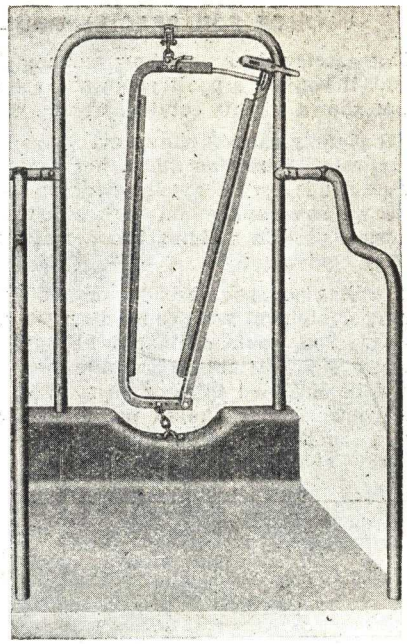
No. CH181 All steel stanchion (no wood lining) **$2.10**
No. CH181W All steel stanchion (with wood lining) **2.30**



HIGHEST QUALITY STANCHION

This stanchion is offered to dairymen who want the very best. It is the development of years of experience and in the opinion of practical farmers is the strongest, most easily operated stanchion ever built.

No. CH110 All steel, wood lined stanchion **$3.85**
No. CH2A Sure Stop Stall (as illustrated) **6.65**



ARCH TYPE STALL WITH STANCHION

This type of stall is popular with some dairymen because of the smooth rounded arches which are entirely free of fittings along the top. Each stall is a complete unit in itself and different widths are available by the use of different length stall arms.

No. CH191W Stanchion, **CH6A** Stall as shown **$8.00**

BOTTOM STANCHION FASTENER

For Concrete
Price, each **$ .30**

TOP STANCHION FASTENER

For Wood
Price, each **$ .10**

PARTITION FLANGE

For Wood
Price, each **$ .60**

BOTTOM STANCHION FASTENER

For Wood
Price, each **$ .18**

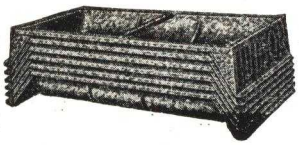
SAFETY BULL STAFF

All Steel
Price, each
$3.00

ALL STEEL MILK STOOL

These stools have proven extremely popular, not only for milking but for many uses around the home, in garages, filling stations, camps, offices and stores. Economical in cost. Will not tip or twist.
Price, each ..... **$ .85**

STEEL HOG TROUGHS

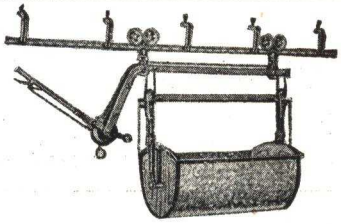


A newly designed trough having all the desirable features of rigidness and sturdiness. All edges are folded under.
Bolted tubular cross braces one foot apart are fastened to body of trough with bolts.
4 foot trough **$1.00**
5 foot trough **1.60**

LEVER HOIST LITTER CARRIER

The ordinary chain hoist carrier raises and lowers by means of the hand chain, which in the course of constant usage, becomes covered with manure, and is dirty to handle. Compare that with our lever operated carrier, where the business end of the lever is fully four feet away from the bucket. The lever can be kept absolutely clean under all conditions.

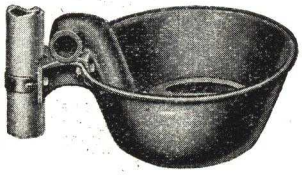
6 Bushel Carrier **$39.00**
12 Bushel Carrier **44.00**



GALVANIZED WATER BOWL

This new "Grip-Tite" water bowl is entirely original in design, and one that appeals to dairymen as being almost 100% right. It is the development of years of experience in making water bowls. Meets all requirements.

CH101 Price, each **$3.25**



CAST IRON WATER BOWL

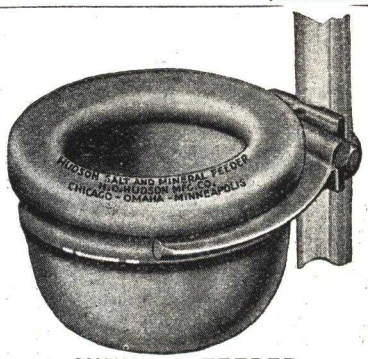
The extremely good price on this water bowl is made possible through the simplicity of design, automatic machinery and low cost of production. The bowl is a quality article in every detail. Will give years of satisfactory service and pay for themselves many times over in increased milk yield.

CH13 Price, each **$2.30**

BARN VENTILATOR

In selecting a ventilator, do not make the mistake of getting one that is to small. ting one that is too small. an otherwise correctly proportioned barn.

Ventilator No.	Flue Dia.	Hgt.	Size of Bot.	Price
CH324	24″	6′-11″	35x35″	$21.75
CH327	27″	7′- 3″	39x39″	24 00
CH330	30″	7′-10″	44x44″	26.50



MINERAL FEEDER

To increase milk yield, place a supply of salt and mineral where dairy cows can have constant access to it. Tests have proven that the salt feeder is as valuable and necessary in the dairy barn, for maximum production, as a water bowl. Easy to install.

CH85 Price, each **$1.50**

WRITE FOR SPECIAL POULTRY CATALOG

This catalog does not show our complete line of poultry equipment. If you are a poultryman and are in need of something that is not shown in this catalog, write for our poultrymen's catalog.

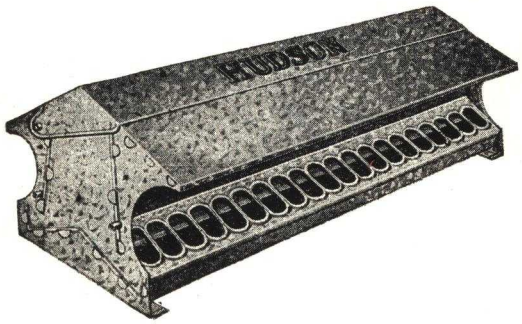
Our poultry catalog shows every type of feeder used, as well as all types of fountains and other materials used around poultry houses. It is very convenient for the poultryman to deal with us since we can supply him with all types of lumber and kindred materials used in building brooder and poultry houses, as well as poultry equipment.

In selling you your brooder or poultry house, as well as all the poultry equipment you are needing, we can make you a substantial saving. You would ordinarily be buying this material from two different sources; this represents two overheads, and those costs would be included in your cost. We handle both groups under one overhead, and the saving is also represented in your cost. Get in touch with us on your poultry house problems and needs, and save the difference.

MASH FEEDER

Trough made of heavy galvanized iron 9" wide, 7" deep, giving maximum feeding space. All edges folded. Tubular legs make rigid and sturdy stands. Packed two in carton, shipped K. D.

		Price
No. G4	4' Feeder (no perch and legs) Grill type	$1.95
No. G4S	4' Feeder (with perch and legs) Grill type	2.80
No. G8S	8' Feeder (with perch and legs) Grill type, for large flocks	4.35



CAPACITY CHICK FEEDER
Narrow Feeder

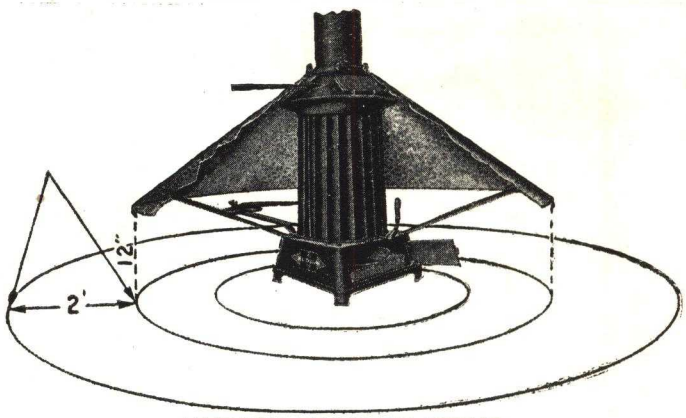
A large capacity feeder for baby chicks and growing birds. Tapered hopper prevents clogging. Hinged grill keeps baby chicks out of feed and prevents waste. For large birds, grill can be locked into upper position. Cover is hinged. Inside carrying handles strengthen walls. Height, 8 inches. Shipped K. D. Easily assembled.

Feeder	Length	Price
No. CF-21	21"	$ .70
No. CF-24	24"	.80
No. CF-36	36"	1.20
No. CF-48	48"	1.50

CAPACITY CHICK FEEDER
Wide Feeder

Has same general dimensions as CF-21 series. Wide cover protects contents from rain. Side wall and cover one piece construction. Sturdy and very easy to erect. Hinged cover. Grills can be locked in upper position for feeding large birds. Height 8 inches. Width 11½ inches. Shipped K. D. Easily assembled.

Feeder	Length	Price
No. CF-24W	24"	$1.10
No. CF-36W	36"	1.43
No. CF-48W	48"	1.90



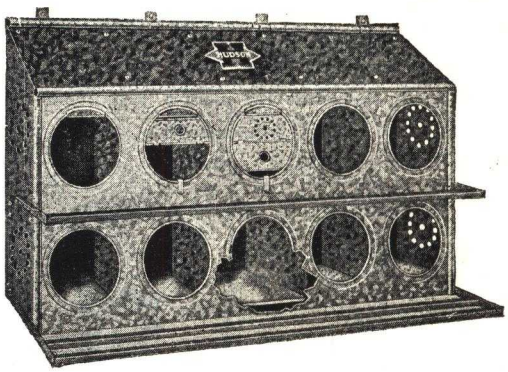
HUDSON BROODER STOVE

Here is a brooder that will raise more and stronger chicks because it provides a uniform temperature under all weather conditions. Chicks thrive under it because it is scientifically correct. Holds fire 24 hours, very economical on fuel.

Equipped with automatic thermostat regulator. Quick, snappy action prevents chilling or overheating. Triple draft control. Hover is four sections, front and rear sections hinged giving easy access to fuel and ash door. No ropes, wire or pulley used.

Size of Hover	Capacity	Price
42"	200 chicks	$11.50
52"	500 chicks	13.50
56"	750 chicks	17.50
62"	1,000 chicks	19.75

SANITARY METAL NESTS



Sanitary and vermin free nests are nearly as important to your flock as proper diet. Rid your hens of vermin and insure clean eggs by supplying metal nests. Nests are furnished with solid metal bottoms bolted in place. Nests are built with inclined top to prevent roosting. Perches can be swung up against face of nest section after night feeding to prevent hens from roosting either on perches or in the nests. Fitted for locking style traps which may be purchased either with nests or later. Shipped knocked down and crated. May be assembled easily and quickly. Nests should be provided in the ratio of one nest hole for four or five hens. Furnished with 9¼" hole. Nest compartment 13½" wide.

No.	Section	Length	Height	Price
CHH6	6	38"	32" 2 tiers	$5.65
CHH10	10	61"	32" 2 tiers	8.40
CHH9	9	36"	45" 3 tiers	8.25
CHH15	15	61"	45" 3 tiers	11.75

CHICK FEED TROUGHS

Die stamped. V shaped bottom and flanged edge prevents waste of feed. Wire top guard adjustable. Shipped completely assembled.

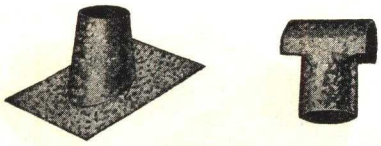
No.	Length	Price
OF12	12"	$ .10
OF24	24"	.30
OF36	36"	.40

REEL TYPE CHICK FEEDER

Revolving reel type feeder with relatively large capacity for baby chicks. Adjustable two position reel balanced to prevent roosting. It is 2 inches deep and 4 inches wide with ¾" lip and all exposed edges folded or curled. Shipped set up with ends attached.

No.	Length	Price
R24	24"	$ .40
R36	36"	.60
R47	47"	.75
R4	48"	1.60
R45	48" (with perch and legs)	2.40

Everything for the Poultryman

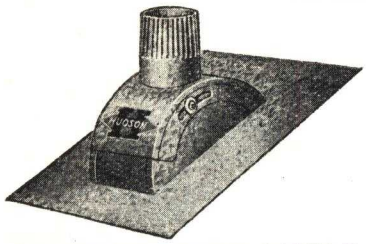


SADDLE STACKS—PIPE CAPS

Saddle stacks keep out rain and assure good draft, prevent fire hazard of pipe passing through roof. Six in carton. Shipping weight 12 lbs.

Pipe caps keep out rain and assure good draft.

	Prices 4"	5"
Saddle Stack	$ .50	$ .55
Pipe Cap	.25	.30



ADJUSTABLE ROOF SADDLE

For brooder stove pipe. Made of galvanized steel and adjustable to any required angle from an almost flat roof to 30 degree pitch. Only screw driver required to make adjustment and lock in desired position. Makes a thoroughly waterproof joint with any style of roof or roofing. Made in two sizes for 4" or 5" pipe.

Price .....4" $ .85 5" $1.00

HEATED FOUNTAIN

Special feature of these fountains is the small round flue in the drinking pan to allow circulation of warm air around the bottom of the supply tank. Water in pan, and supply tank always at right temperature.

Water level in drinking pan regulated as desired by adjustable automatic brass valve with copper float.

Tank and pan are made in two separate parts so that they may be easily cleaned. To fill, remove lid and pour in water. Lamp housing perforated with specially constructed vent holes, preventing moisture from getting into base and cross draft from blowing out the lamp. The legs and perch raise fountain up off of floor and allow greater freedom in poultry house. Channel steel legs, perches are creosote dipped and mite-proof.

Name	Size Gals.	Less Perch and Legs No.	Price	With Perch and Legs No.	Price
Lamp Heated	5	CH16	$4.35	CHB16	$5.85
Lamp Heated	8	CH19	5.85	CHB19	7.50
Electric Heated	5	CH17	5.40	CHB17	7.00
Electric Heated	8	CH20	6.60	CHB20	8.25

AUTOMATIC PIPE LINE FOUNTAIN

No. 24 with Oil Lamp $7.20
No. 24 with Electric Heat..... 8.40
For perch and legs, add $1.65.

REVOLVING HEAD VENTILATOR

Head perfectly balanced on ball bearing pivot. Lower bearing is moisture and frost-proof. ⅜ inch mesh galvanized screen makes cupola bird-proof and is removable if desired. Satin aluminum finish.

No.	Dia. Flue	Hgt.	Base	Price
58	8"	24"	10x10"	$5.40
512	12"	32"	16x16"	6.00
516	16"	48"	20x20"	12.00
520	20"	57"	24x24"	18.00

ROUND CHICK FEEDERS

Used for water and all kinds of chick feeds. Lid fits snugly. Easily removed for cleaning.

	Price
No. G8 Galv., 8 holes...	$ .10
No. G12 Galv., 12 holes...	.15

Open

Closed

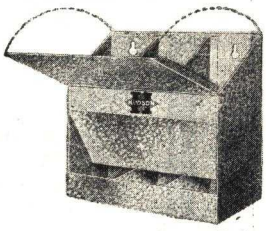
TRAP NEST FRONTS

Trap nest fronts may be used with any wooden nest. Many people prefer to build their own nests of wood and accommodate a particular size bird. Traps are automatic in action. After trap is sprung, the hen is unable to get out or another hen enter. No springs or catches.

Size 12 inches by 12 inches, size of opening 9¼ inches.

No. 31 Trap Nest Front complete with trap ..$ .40

GRIT AND SHELL HOPPER



These grit hoppers are very economical and practical. Slanting hinged cover prevents roosting. Heavy galvanized steel.

	Width	Price Each
No. GB0 Grit Box, 2 compartment	9"	$ .75
No. GB12 Grit Box, 3 compartment	12"	.95

ELECTRIC FOUNTAIN HEATER

An efficient, durable electric heater, which can be used under any suitable fountain of the vacuum or float type to prevent freezing and to insure ample supply of fresh water at the right temperature. The shell is made of heavy galvanized steel with neatly curled edges and seams. The heating element is 100 watt capacity of the flat pancake type, completely enclosed and sheathed in steel. The interior of the shell is insulated with asbestocell insulation, and wire terminals attaching to heating element are sheathed in asbestos covering.

Diameter	Height	Price
12"	3"	$1.80

THERMOSTAT WAFERS

Double units with solid post between, making each wafer independent of the other. Accurate and durable. Fits all standard makes of coal brooders, such as Reliable, Buckeye, Hudson, Old Trusty, Quen, Moe's, Wotherspoon, Macomb, National and all others using a standard type regulator arm. Fits Macomb and other oil brooders, McCurdy Storage Brooder, Reliable, Old Trusty, Charters, Sure-Hatch, Mankato, and some other incubators.

Price, each....$ .30 Price, per doz.....$3.00

MASON JAR FOUNTAIN

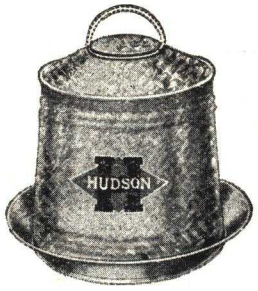
Constructed so that plenty of water is always in the pan. Pan will not overflow. Screw cap electrically welded to steel pan. Fits standard mason jar.

No. T25 Fountain. Galv. (without jar) $ .10

EASY FILL CHICK FOUNTAIN

Made from heavy galvanized iron. Easy to fill, carry and clean. Sloping cover prevents roosting. Pail and pan snap together on glove fastener principle. One piece drinking pan with smooth, rolled edge, especially designed for baby chicks. Height 9 inches, diameter 9½ inches. Packed one dozen in carton. Shipping weight, 22 pounds.

No. C1G Capacity 5 quart $ .50



HANDY FILL CHICK FOUNTAINS

Made of heavy galvanized iron. Top has two-way swinging bail for carrying when filled. One-piece extra heavy drinking pan has smooth rolled edge. Diameter 10½ inches. Bottom snaps onto container in same manner as glove fastener. No valves, springs, or latches to get out of order. Easy to fill. Easy to clean. Sloping cover prevents roosting. Nested for shipment.

No. C2	Capacity 2 gal.	$ .85
No. C3	Capacity 3 gal.	1.10

DOUBLE WALL FOUNTAIN

This double wall waterer is top filled. Double walls keep water cool in summer and retards freezing in winter. Operates on vacuum principle. Feeds automatically. Small automatic valve prevents pan overflowing while being filled. New cone pointed top prevents roosting. Excellent for growing chicks and full grown birds.

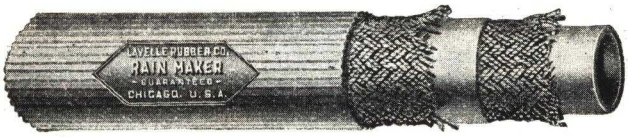
Less Perch and Legs No.	Size	Price	With Perch and Legs No.	Size	Price
CHC5	5 gal.	$2.15	CHC5B	5 gal.	$3.75
CHC8	8 gal.	3.00	CHC8B	8 gal.	4.65

INSULATED FOUNTAIN

This fountain offers many unique advantages. All the insulating material is in the slip cover which is easily removed, permitting access for cleaning the entire interior of the tank and trough. Water placed in this fountain at 100 degrees temperature will remain unfrozen for many hours. Has automatic operating valve, shutting off flow of water into pan when container is being filled, locking device and non-roost cone top.

Size	Less Perch and Legs No.	Price	With Perch and Legs No.	Price
3 Gal.	CHPW3	$3.25	CHPWB3	$4.80
6 Gal.	CHPW6	4.25	CHPWB6	5.85

Everything for the Builder

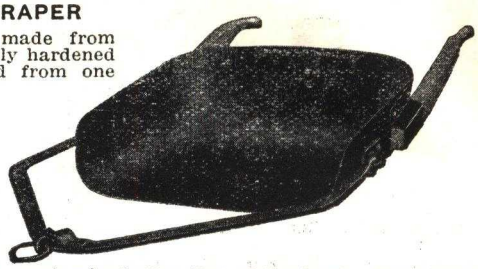


GARDEN HOSE

Made of two layers of highest quality rubber, two layers of fabric and extra tough corrugated rubber cover. Two layer construction makes it kink-proof and more durable. Carried in stock in medium brand and best brand.

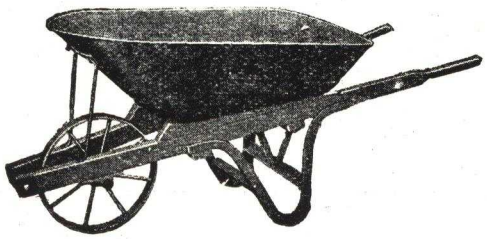
	25 Ft. Coil	50 Ft. Coil
½-inch Medium Brand	$1.85	$3.25
⅝-inch Best Brand	2.95	5.50
¾-inch Best Brand	3.45	6.50

SOLID STEEL SCRAPER



These scrapers are made from heavy plates of especially hardened steel, and are stamped from one sheet without joints, seams and rivets. They are superior to any other drag scraper on the market. They are fitted with steel bales forming protecting working swivels, steel ears and handle pockets and hardwood handles. It has flanges around the top made by turning back the edge of the bowl. This flange reinforces and stiffens the bowl and adds much to the strength and capacity of the scraper. On account of its lightness it can often be used to great advantage in many kinds of work. Can be handled more easily and rapidly than any other scraper. Furnished with runners.

CH6063K	3 cubic feet	$7.83
CH6062K	5 cubic feet	8.10
CH6391M	7 cubic feet	9.18



MORTAR WHEELBARROW

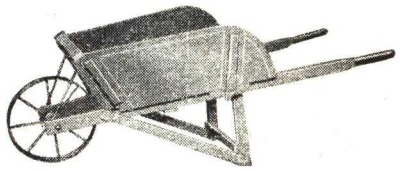
Here is the very best all-around general barrow made. The tray is 16 gauge pressed steel made from one solid sheet without seam or rivet, with heavy rod rolled-in edge. 29 x 36″ on top. It is 37½″ long and 26½″ wide and 12″ deep. It is especially designed to handle sloppy concrete. Frame is select hardwood and thoroughly braced and bolted. Wheel is 15″ in diameter.

Price $7.25

ALL-PURPOSE WHEELBARROW

Here is a light steel tray wheelbarrow with a tray that will hold a real load, and at a price no higher than you would pay for a common wooden tray barrow. Not a home or boy's barrow but a real sturdy wheel barrow. Tray is 26 x 34″, pressed out of a single sheet of steel, with a ⅝″ rod rolled around top. Legs and braces are made of steel. Heavy steel wheel 15″ in diameter, running on a ⅝″ steel axle firmly held in place with heavy lugs.

Price $3.95



GARDEN WHEELBARROW

We believe these barrows to be better made and more neatly finished than any other garden wheelbarrow on the market. Low in price, yet high in quality. Wood leg braces are thoroughly bolted, not held by screws, making them stronger. Made of thoroughly kiln-dried hardwood throughout. Nicely painted red. Inside measurements of box 17″ x 27″, 11″ deep. Handles are 60″ long. Furnished with 15″ steel wheel. Weighs approximately 35 pounds.

Price $4.95

JACK SCREWS

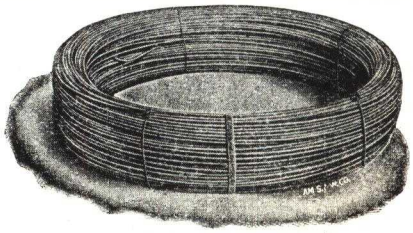
For more than 30 years Swett Jacks have been the standard among leading contractors and builders of the United States. The solid bell shaped base gives maximum strength and protects the steel screw from mud and sand which would otherwise destroy its usefulness. A well-shaped handle is conveniently placed for ease in handling but the strength of the jack is not impaired in case the handle becomes broken.

Screw Size and Ht.	Height Over All Closed	Height Over All Ext.	Cap. Tons	Price
1¼ x 8″	10½″	17″	10	$1.50
1½ x 10″	12¾″	20¾″	12	2.00
2 x 12″	15½″	25″	20	3.50

CAST IRON MAULS

Used in vineyards, shops, on farms and on construction work of all kinds for driving stakes and heavy spikes; for tearing down buildings; for breaking up coal and ice and for any other purpose where a heavy sledge is needed. These mauls are commonly known as O. I. Mauls.

Wt. Each	Diam. Head	Price
12 lbs.	3⅛″	$1.10
14 lbs.	3¼″	1.25
16 lbs.	3½″	1.50



FORM WIRE

Made of soft steel. Great tensile strength. Soft, tough, pliable, smooth and flexible. Can be looped without fear of breakage. Galvanized and black.

No. of Ga.	5 lb. Bale Soft Galv.	10 lb. Bale Soft Galv.	25 lb. Bale Black Ann'ld	25 lb. Bale Galv. Soft	100 lb. Bale Black Ann'ld	100 lb. Bale Galv. Soft
9	$ .30	$ .55	$1.10	$1.20	$3.85	$4.35
11	.35	.60	1.15	1.25	4.00	4.50
14	.40	.65	...	1.45	...	5.25

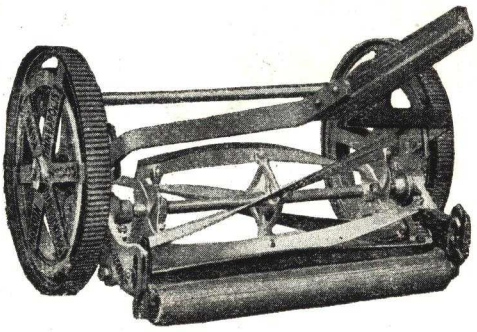
BASEMENT COLUMN

6 ft.	$1.95
6½ ft.	2.25
7 ft.	2.35
7½ ft.	2.50
8 ft.	2.65

CAST IRON POST CAPS

To fit basement columns. Made of heavy cast iron. No basement columns should be without these post caps.

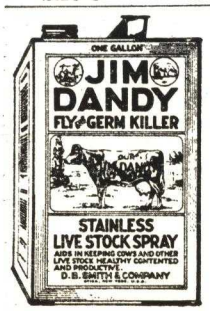
Size 4″ Price, each $ .25



LAWN MOWERS

This is a strictly high-grade lawn mower. It has a heavy lipped cutting blade, ball bearings, a heavy lipped 6 inch bed knife, 4 blade reel, high grass bar, 8 inch wheels and 5½ inch four-blade ball-bearing reel. All moving parts are accurately machined. This mower is finished in gold lacquer and trimmed in bright red. Comes oiled, sharpened and adjusted ready for use. We do not believe that there is a better lawn mower than this one on the market at this price.

16-inch	$4.95
18-inch	5.35



JIM DANDY FLY SPRAY

Will not harm fabrics, wall paper, paint or varnish. Apply with ordinary hand sprayer. Kills moths, bed-bugs, roaches, ants, water bugs, fleas, lice, wasps and certain other insects. Pleasant odor.

Pt. $ .45 Gal. $ .90

SCREEN CLOTH

Our screen cloth is manufactured of the highest grade of Bessemer steel wire. It is uniformly woven, made on the latest type of weaving looms with the most up-to-date equipment for galvanizing. We stock this in widths from 18 to 48 inches, in both galvanized and bronze screen. Galvanized wire is practically rust proof. Bronze wire is ordinarily used near seashore where ordinary wire will not last.

	Galv.	Bronze
Mesh	No. 16	No. 16
Per sq. ft.	$ .04	$ .07
50 lin. ft. roll per sq. ft.	.03¼	.05½

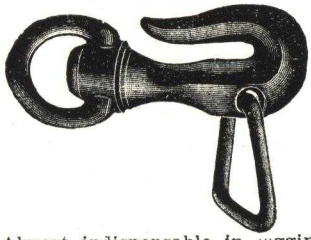
Lumbermen's Tools

Our years of experience in the logging business have taught us what the most practical tools to buy for logging are. The tools shown here are largely American Logging Tool Company tools, and they are the best grades to be had in the line. We have considered quality only in our logging tools regardless of price. We are showing only a small number of the logging tools that we handle. For prices on tools not shown, write us.

BULL DOG GRABS

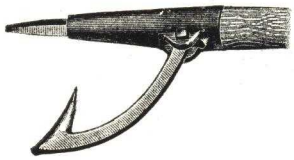
Size No. 0.....$ .35 each
Size No. 1..... .40 each
Size No. 2..... .45 each

EVENER SWIVEL GRAB HOOK



Almost indispensable in logging.
Price, each.....$1.15

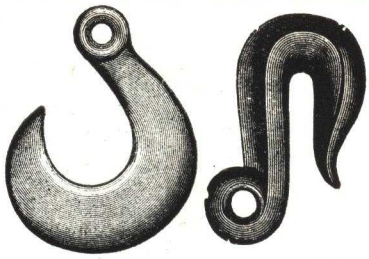
PEAVIES



Straight grain, hickory duck bill hook, with bumper to eliminate pinching fingers.

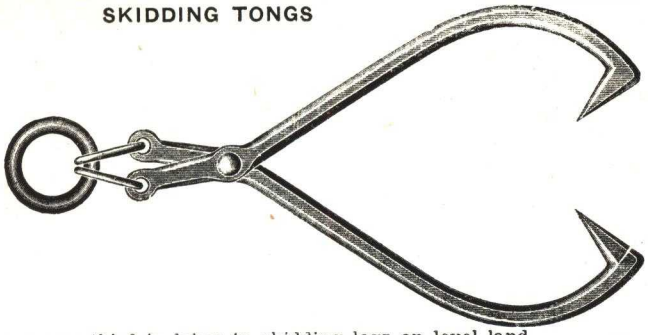
2½" x 3½' .....$2.75 each
2½" x 4' ..... 3.15 each

ROUND HOOKS—GRAB HOOKS



Size	Price	Size	Price
¼".....$	.10	⅞".....$	.20
5/16".....	.10	½".....	.25
⅜".....	.15	⅝".....	.40

SKIDDING TONGS



Saves one-third in labor in skidding logs on level land.
1⅛" x 32" Octagon .....$4.50 each
1½" x 5" Flat Steel 32"..... 4.50 each
Prices on other sizes on application.

AMERICAN GRAB MAULS

Price $1.25

HOOKAROONS

Indispensable for loading ties and timbers.
Medium weight .....$1.25 each

STEEL SAWING WEDGES

Per pound .....$ .16

CLEVICES

Price, each.....$ .60

PEAVY PICKS

Each .....$ .50

PEAVY HANDLES

2¼" x 3½' Hickory Peavy Handles, bored..... $ .65 each
2½" x 3½' Hickory Peavy Handles, bored..... .75 each
2½" x 4' Hickory Peavy Handles, bored..... .80 each

DUCK BILL PEAVY HOOKS

Each .....$ .80

SPECIAL CANT HOOK BOLTS

Each .....$ .04

AMERICAN LOAD BINDERS

Light weight .....$1.75 per pair
Medium weight..... 2.20 per pair
Heavy weight..... 3.00 per pair

AMERICAN CAR MOVER

$5.75 each

MALLEABLE PEAVY SOCKETS

2¼" .....$ .75 each
2½" ..... .85 each

AXES

Weight	Price	Weight	Price
3 lbs.....	$2.10	3¾ lbs.....	$2.20
3½ lbs.....	2.15	4 lbs.....	2.25

FILES

	Each
Flat 6" Mill Bastard...	$ .10
Flat 8" Mill Bastard...	.15
Flat 10" Mill Bastard...	.20

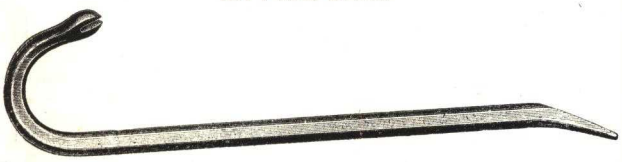
CROSS CUT SAWS

5½ ft. best grade Atkins or Simmons, each...$6.85
Competitive Saws...$3.75

CABLE CHAINS

Size	Price
¼"	$ .13
5/16"	.12
7/16"	.10

RIPPING BARS

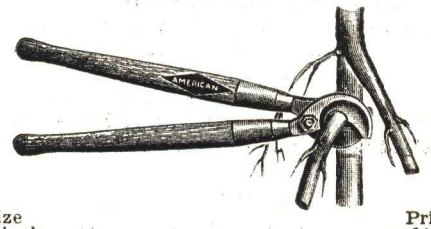


⅝" x 18".....$ .15 each
¾" x 24"..... .20 each
¾" x 30".....$ .25 each
¾" x 36"..... .35 each

COLD SHUTS

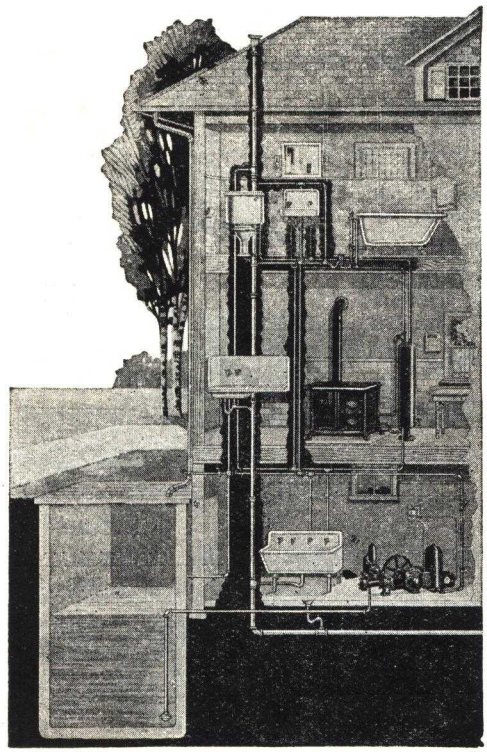
½" .....$ .06 each
⅝" ..... .10 each
¼" ..... .03 each
⅜" ..... .04 each

PRUNING SHEARS



Size	Price
18-inch	$1.50
24-inch	1.50

Plumbing and Heating Department



The above illustration shows a "Cutaway" of a simple plumbing system installed in the average rural home. There is nothing mysterious or difficulty about any part of this entire work.

CHARLES BRINK
Manager
Plumbing and Heating Department

In the plumbing and heating portion of our catalogue, we feel safe in saying that you will find some of the finest plumbing and heating material that is sold anywhere. During the past year our enamelware buyer visited five of the largest enamelware factories in the East, watched the process of manufacture, chose as a source of supply what in his estimation was the factory producing the best enamelware. We do not believe that there is a firm in the five counties that we cover that handles a smoother, whiter, more even and more true to color enamelware, than that which we handle. Different plumbing men will tell you that it is a hard matter to get vitreous china fixtures that will match with enamel fixtures in color. By examining our fixtures you will find that the color is the same in the vitreous chinaware as it is in the enameled ironware. By going over the prices listed herein, you will find that plumbing fixtures have not been so low in twenty years. We try to make it as easy for one to understand the buying of plumbing and heating, as it is to buy building materials. At our yard here at Odessa, we have large show rooms covering every phase of plumbing and heating used. The different bathroom combinations are set up exactly as they would appear in your bathroom, and with the help of the one in charge you can soon tell easily what you want. Every article is there for your careful inspection. All of our plumbing merchandise is strictly Grade A, the mark of highest quality adopted by the code of commercial standards. Our heating equipment is made by one of the oldest and largest manufacturers of heating equipment. Our plumbing and heating merchandise is guaranteed not only by the manufacturers but by ourselves to be of first quality. After all, the guarantee that the seller gives you is the best guarantee.

Our being located in a small community does away with city taxes and city overhead. (It would cost us twice as much to operate in a city.) Our plant is on the main line of the Lehigh Valley Railroad, cutting down our unloading expenses. Because we handle so many items other than plumbing and heating, we are able to make up full truck loads, thereby cutting down our delivery cost. These advantages and quantity buying make it possible for us to give you real prices. We have experienced practical men in this department who will figure your materials complete and are able to recommend reliable plumbing and heating workmen. Our outside men are continually covering the territory in which you live and will gladly help you with your plumbing and heating problems upon request. If you are thinking of installing a bathroom, sink or heating plant, do not fail to get in touch with us. Write, phone, or come to our yard in Odessa. We have every reason to believe that our material is among the finest made, our prices are in line with any and our service is better.

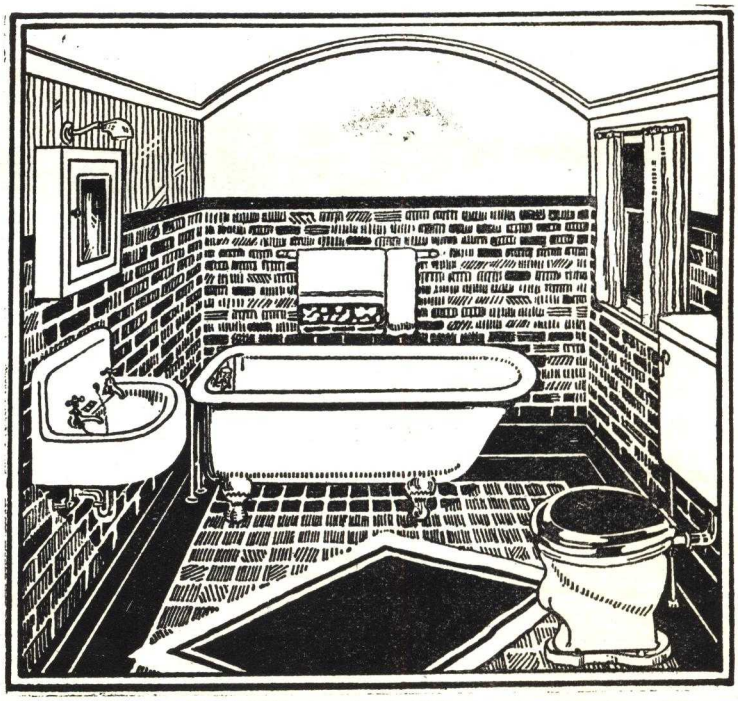
THREE PIECE BATHROOM

$42.75 Cash
Delivered

This bathroom outfit will put the finishing touch to your home. The tub is 30 inches wide and five feet long. Equipped with quick compression bath faucet, connected waste and over-flow and offset supply pipes. The round apron lavatory is 17 x 19 inches. Equipped with compression faucets, angle supply pipes with flanges, trap to wall and chain and rubber stopper. The closet combination, made of vitreous china, is of the washdown type and equipped with a mahogany seat. The fixtures are all first quality. The fittings are solid brass and plated with nickel No one should be without a bathroom when it is possible to buy an outfit like this one at the price shown. Remember, too, that this price includes delivery to your home. It is not necessary to add freight and cartage to our price.

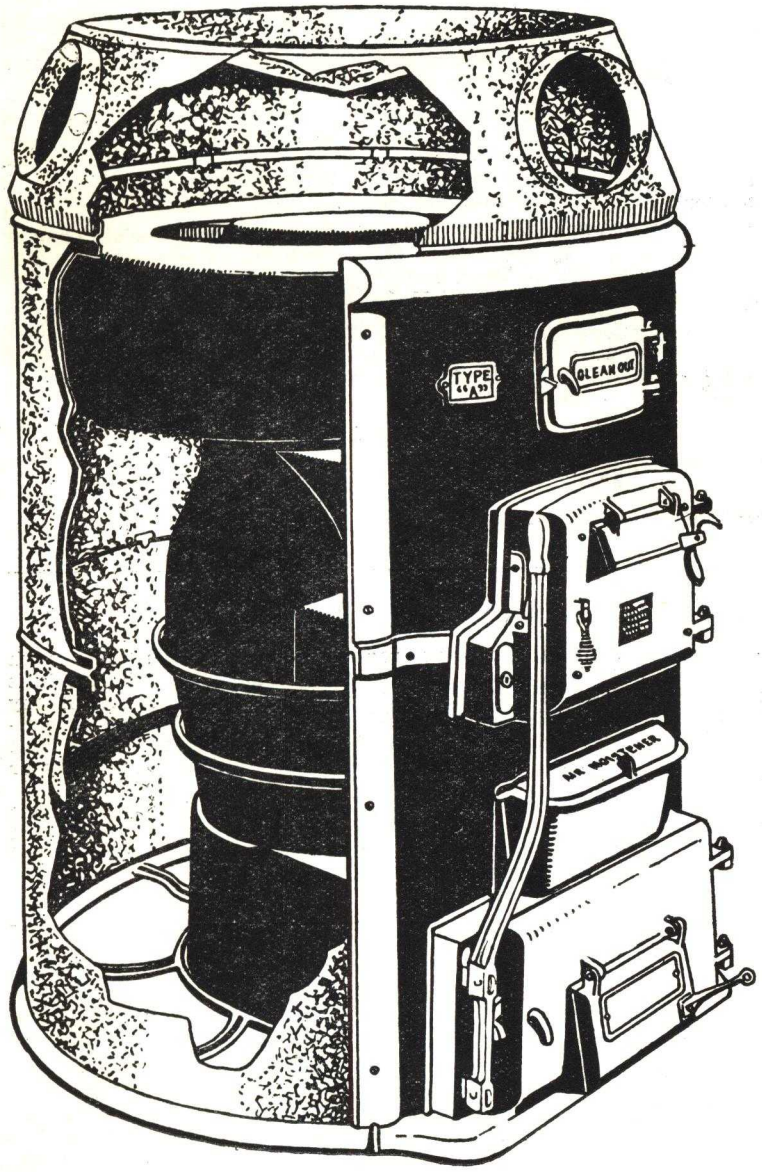
Price $42.75

Price of colored enamelware is about 25 per cent higher; if interested, ask for color card and prices.



The Supreme Odessa Furnace

Heavier—Larger—Stronger



Our Prices are Delivered

No Freight to Add

Now Only $48.50 Cash

At last we are able to furnish you with a furnace that we believe contains everything that a furnace must have to meet every modern requirement. Only after much study and careful experimenting, have we been able to offer you a furnace that we have every confidence is BETTER than any other furnace on the market, regardless of price.

Made of only the finest materials by one of the oldest manufacturers of heating equipment, and approved by heating engineers. The fire pot is made in two sections, allowing separate expansion and contraction of upper and lower part due to differences in temperature, and this prevents cracking. Deep groove joints fit perfectly and are cemented to make them leak proof. The feed section and ashpit section of these furnaces extend out through the front in one complete unit, eliminating any possibility of smoke or gas escaping. This feature is not found on many furnaces.

A large hot water pan supplies the extra moisture needed for health and comfort. Coil openings are provided for hot water supply. The one-piece cast iron radiator with a much greater flue travel than the average furnace, utilizes every ounce of heat from the fuel burned. Double galvanized inner casings with one inch air space.

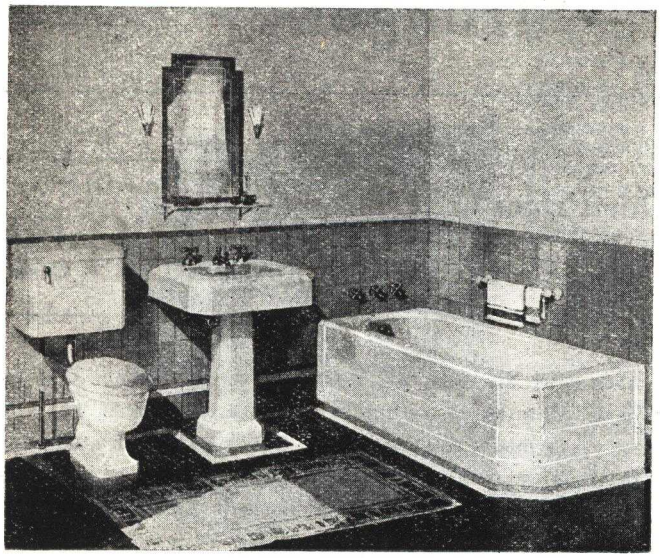
A complete set of instructions come with each furnace.

The figures below give one an idea of the size furnace needed, but we would much rather have our heating engineers see your building and help you select a heating plant for your particular needs.

Order No.	Dia. Fire Pot	Dia. Castings	Height of Front	Size Fire Door	Smoke Outlet	Approx. Shipping Weights	Heating Capacity			Cash Price Delivered
							Cubic Feet	Average Rooms	Square Inches*	
CH36T	18"	36"	49⅝"	10" x12½"	8"	820 lbs.	4,500	4 to 5	307	$48.50
CH40T	20"	40"	50⅞"	10" x13"	8"	930 lbs.	6,000	5 to 6	369	61.50
CH44T	22"	44"	57⅜"	11" x13½"	8"	1100 lbs.	7,200	6 to 7	452	72.00
CH48T	24"	48"	55⅜"	11½"x14½"	9"	1225 lbs.	9,000	7 to 8	546	79.95
CH52T	26"	52"	57⅝"	12½"x14½"	9"	1425 lbs.	11,000	8 to 9	646	95.95
CH56T	28"	56"	57⅝"	12½"x14½"	9"	1545 lbs.	13,000	9 to 10	750	117.95

* Ratings established and approved by National Warm Air Heating and Ventilating Association and based on square inches of pipe area that heater will supply.

Bathrooms of Quality



$86.80 Cash Delivered

THE SENECA

This bathroom outfit is very modern and seems to be one of our biggest sellers. Its faultless quality, exquisite lines, and extremely reasonable price makes it one of the most popular bathrooms of all. Complete outfit can be furnished in twelve different colors as well as white. If you are interested in colored enamelware, kindly get in touch with us and we will forward you a color card. This outfit is furnished with chromium plated fittings, as well as nickel plated fittings.

Bathtub, Colonial design, one-piece cast iron, heavily coated with glistening porcelain enamel. Corner design built-in tub for either right or left hand corner, with outlet at either end. 30¾" over all at top. Allow ⅞" for building into wall. Fitted with concealed three-valve combination bath and drain equipment.

Pedestal lavatory, Colonial design, heavy cast iron porcelain enamel, deeply coated. 24" x 20" top. 11" x 16" bowl. Combination single stream fixture, all metal chrome. Quick action pop-up waste; two ⅜" supply pipes and flanges. 1½" trap to wall.

Closet outfit, Colonial design, high quality vitreous china tank, improved reverse trap bowl. Large capacity china tank with high grade brass fittings. Two year guaranteed seamless celluloid seat to match, with chromium bar hinges.

	Nickel Plated	Chrome Plated
Complete with fittings to wall	$86.80	$89.80
Complete with fittings to floor	87.30	90.30

Prices of colored enamelware are about 25 per cent higher—if interested, we will quote you.

SOME OF THE ADVANTAGES OF BUYING YOUR PLUMBING FROM US

Every time you put a bathroom in an old house, there are certain materials that are needed in remodeling the bathroom. When you go to the average plumbing supply house, they can furnish you with plumbing materials—but are not able to furnish you all other merchandise. In most of your bathrooms, you will be needing oak or maple flooring; on page 16 of this catalogue you will notice that we carry a large variety of hardwood floorings. In getting your walls ready you may want a tiled wall board or Keene cement. You will find these items on pages 18 and 19. When your fixtures are all installed, you will be needing paint and varnish to finish off the bathroom; see pages 26 and 27.

It is a simple matter for anyone to furnish their customers with everything that goes into a plumbing remodeling job, but it is another thing to sell them this material at low prices. If any other dealer attempts to furnish all the materials used in completing a plumbing job, it will be necessary that he buy from another dealer. This, of course, adds to the price of your installation.

We buy these sundry items in carloads, and although it seems like a small matter, it is surprising how much you can save. When you buy your bathroom of us, get everything else that you need and save the difference.

THE LAKEMONT

$59.40 Cash Delivered

This bathroom, made of highest quality materials throughout, is the last word in modern designing. One can have a bathroom that is really different and still keep his investment down. Furnished in white only it comes complete with all metal chromium plated fittings.

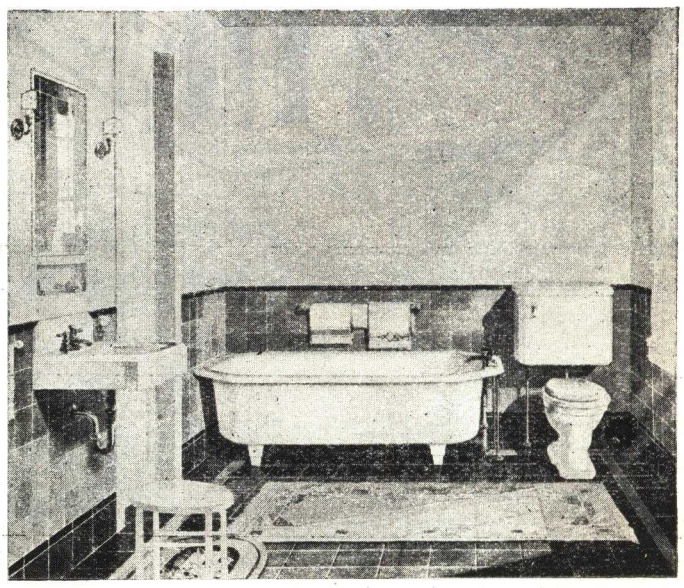
Outfit Includes

Bathtub, squared, modernistic design gives it new beauty, prevents slipping, makes it roomier and more comfortable. Made only in 5 foot size. Its inside bottom lengths is even greater than that of the 5½ foot bathtub with old style sloping end. The bottom of the tub is practically flat, minimizing the danger of slipping. With connected waste and overflow and new style chromium Klean-way tub filler faucet; chromium supply pipes.

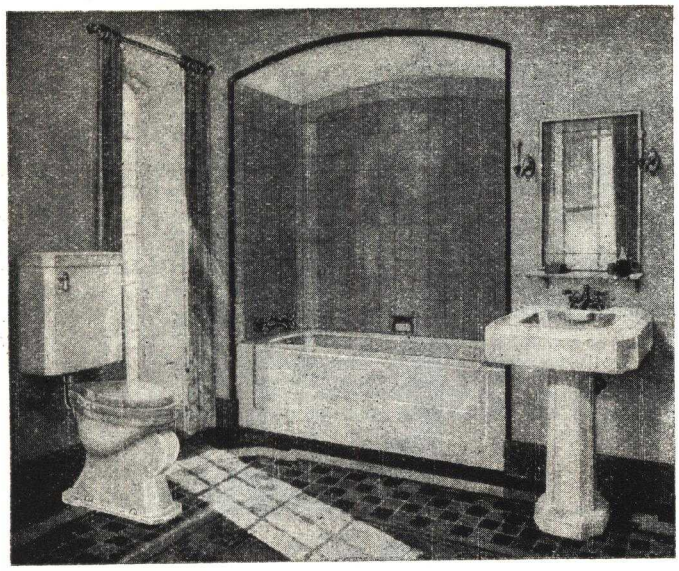
Lavatory, newest Colonial design, 17 x 19 inches, with new vogue-art, all metal chromium single stream fixture; 1½ inch chromium cast brass trap to wall. ⅜ inch supply pipes and flanges.

Closet outfit, genuine vitreous china tank, new shelf top style on which you may place toilet articles without sliding off. Vitreous china syphon washdown bowl, chromium flush lever and supply pipe to floor. 2 inch flush elbow to bowl. Complete with two year guaranteed white seamless celluloid seat with chromium bar hinge. Outfit does not include mirror, stool, lights, etc.

Price $59.40



First Quality Plumbing



$80.50 Cash Delivered

THE CAYUGA

A modern bathroom outfit of superior quality and matchless beauty. It is bound to please every home owner who desires style with moderate prices. Complete outfits may be had in twelve colors as well as white. If you are interested in a colored bathroom get in touch with us and we will mail you a color card. Our outfits come with chrome plated fittings.

Outfit Includes

Bathtub, Colonial design, full recess type. Built in with only front exposed. 30¾ inches wide over all at top, 60 inches long. Allow ⅞ inch for building into wall. Concealed chrome combination waste and supply fixture with china handle controls.

Pedestal Lavatory, Colonial design, heavy cast iron porcelain enamel deeply coated. 24 x 20 inch top, 11 x 16 inch bowl. Compression mixing faucets; china handles indexed "Hot" and "Cold." Quick action pop-up waste; two ⅜ inch supply pipes and flanges. 1¼ inch trap to wall.

Closet Outfit, Colonial design, high quality vitreous china tank, regular syphon action washdown bowl. Two year guaranteed seamless celluloid covered seat to match with chromium plated hinges.

Price complete as shown.....**$80.50**

The price of colored enamelware is about 25 per cent higher; if interested, ask for color card and prices.

TRUCK DELIVERY

Our trucks deliver any place within the 40 mile radius that we cover. What does this mean to you, the buyer of material — ? It means that our selling price includes every item of cost as far as you are concerned. We assume the responsibility of safe delivery; the material may be inspected before unloading.

Before buying F. O. B., take the price of the material you intend to purchase, add to it the estimated freight to your station, then compare our delivered prices on the same material. Further than this; add 10 cents per 100 lbs. for local delivery and 15 cents per 100 lbs. for semi-local delivery, and then compare prices. If you take the material from the station, you assume the responsibility of safe delivery. What is this responsibility worth to you — ? If the material is damaged before you get it, you are expected to return it; what is your time worth for doing this — ? Our truck delivery system eliminates all these chances. Before you buy a bathroom or any other merchandise, figure what it is going to cost you delivered to the room where you are going to use it. Ours are delivered prices: Nothing more to add.

THE KEUKA

$52.50 Cash Delivered

In this bathroom outfit we offer you something that is a little different than the other low priced bathrooms shown in our catalogue. Furnished in white only, it comes complete with fittings in either chrome or nickel plate. The enamel is evenly coated, guaranteed first quality, flawless.

Outfit Includes

Bathtub on legs, cast iron, coated inside and over rim with porcelain enamel, painted outside with white filler. 30 inches over all with 3 inch rim. Height from floor to top of tub 22 inches. All metal chrome plated combination bath faucet; 1⅜ inch chrome plated waste and overflow; ⅜ inch chrome plated supply pipes and flanges.

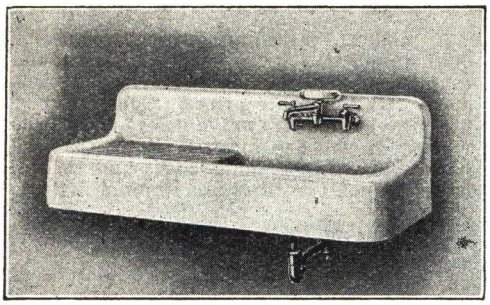
Lavatory, modernistic in design, heavily porcelain enameled, deep bowl with roomy top, size 17 x 19 inches. Fitted with all metal compression faucets; plated cast brass trap to wall; pop-up waste; ⅜" chrome plated supply pipes and flanges.

Closet outfit, white vitreous china tank, new shelf top style on which you may place toilet articles without sliding off, an improved feature. Syphon washdown bowl, highly glazed vitreous china. All fittings in tank are latest type, heavy brass. Chrome plated flush lever and supply pipe to floor. 2 inch flush elbow to bowl. Complete with high quality white seat.

Price complete as shown.....**$52.50**

Price of colored enamelware is about 25 per cent higher; if interested, ask for color card and prices.

These Modern Sinks Lighten House Work



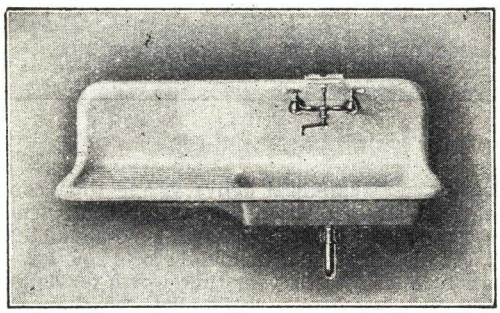
Sink Only
$16.60
Cash
Delivered

SINGLE DRAIN APRON SINK

Here is a sink that is attractive in design and built very substantially. It has an 8″ back, a 6″ apron, and is supported on concealed wall hangers. It is cast in one piece and coated with white porcelain enamel. It is equipped with swing spout mixing faucet, improved boltless strainer, and trap to wall. All metal is solid brass and heavily nickel plated. Sink can be furnished with either left or right hand drain. Sizes shown below.

Size	Sink Less Fittings	Complete With Fittings
20 x 42	$16.60	$22.20
20 x 48	20.70	26.30
20 x 52	25.95	31.55

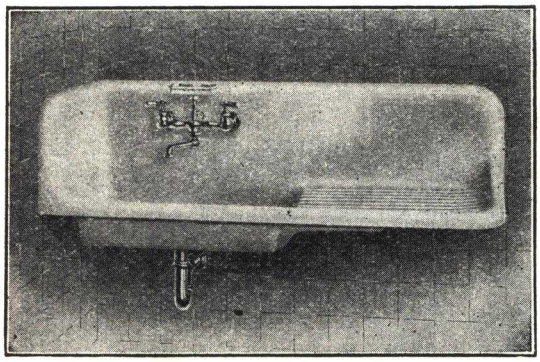
Sink Only
$13.60
Cash
Delivered



SINGLE DRAIN ROLL RIM SINK

This sink is beautifully designed and perfectly proportioned. It has a single drain board and is the roll rim type. It is made of iron, cast in one piece and coated with pure white porcelain enamel. Supported on concealed wall hangers. It is equipped with swing spout mixing faucet, improved boltless strainer, and trap to wall. All metal is brass and heavily nickel plated. Sizes shown below.

Size	Sink Less Fittings	Complete With Fittings
20 x 42	$13.60	$18.35
20 x 52	18.30	23.05

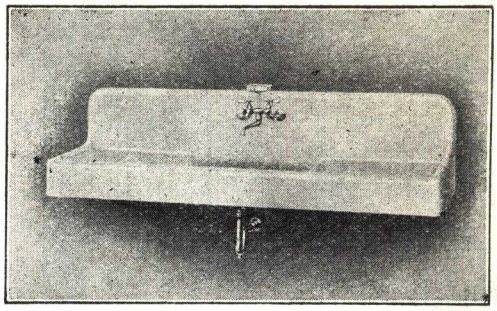


Sink Only
$22.45
Cash
Delivered

SINGLE DRAIN CORNER ROLL SINK

This comparatively low priced sink is designed to be placed in a corner and is quite a space saver. It is similar to our single drain roll rim sink, except that this is a corner sink with a corner end piece. It is cast in one piece and coated with pure white porcelain enamel. Supported on concealed wall hangers. It is equipped with a swinging spout mixing faucet, improved boltless strainer, and trap to wall. All metal is brass and heavily nickel plated. Sizes shown below.

Size	Sink Less Fittings	Complete With Fittings
20 x 42	$22.45	$27.20
20 x 52	26.29	31.05



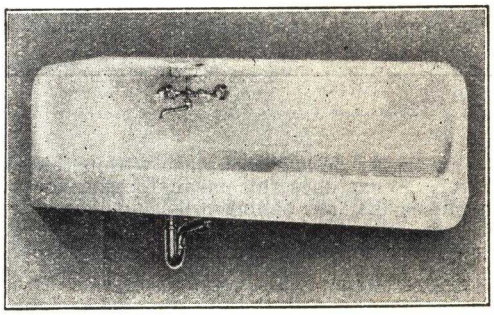
Sink Only
$31.70
Cash
Delivered

DOUBLE DRAIN APRON SINK

Bring new beauty to your kitchen with this singularly attractive kitchen sink. It has an 8″ back, designed to be placed under a window, a 6 inch apron and is 6 inches deep. Sink is made of cast iron and coated with genuine white porcelain enamel. Supported on concealed wall hangers. It is equipped with special combination sink faucet in the newest design, a trap to wall, and a double removable crumb cup strainer. All metal is solid brass and plated with non-tarnishing chromium. Sizes are shown below.

Size	Sink Less Fittings	Complete With Fittings
22 x 60	$31.70	$40.95
22 x 74	44.25	53.50

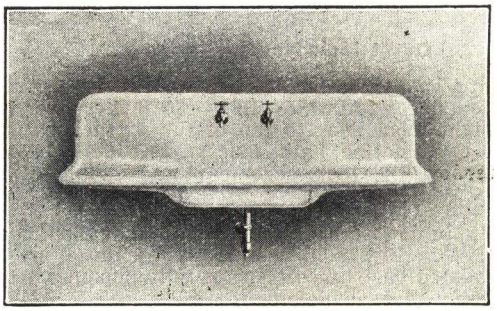
Sink Only
$23.40
Cash
Delivered



SINGLE DRAIN CORNER APRON SINK

This sink is especially designed to be placed in a corner and saves considerable space. It is similar to our single drain apron sink, except that this is a corner sink with a corner end piece. It is cast in one piece and coated with pure white porcelain enamel. Supported on concealed wall hangers. It is equipped with a swing spout mixing faucet, improved boltless strainer, and trap to wall. All metal is brass and heavily nickel plated. Sizes shown below.

Size	Sink Less Fittings	Complete With Fittings
20 x 42	$23.40	$28.15
20 x 48	28.50	33.25
20 x 52	31.45	36.20



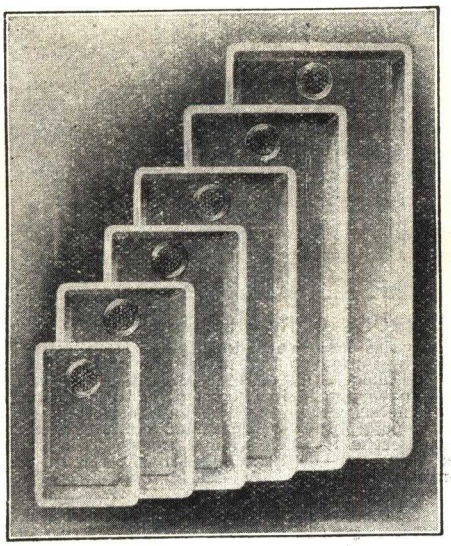
Sink Only
$27.00
Cash
Delivered

DOUBLE DRAIN BOARD ROLL RIM SINK

This sink is similar to our double drain board sink shown above, except that it has a roll rim rather than a full apron front. It is made of iron, cast in one piece and coated with pure white porcelain enamel. Supported on concealed wall hangers. It is equipped with flanged faucets with china lever handles, improved boltless strainer and trap to wall. All metal is solid brass and heavily nickel plated. Size shown below.

Size	Sink Less Fittings	Complete With Fittings
22 x 60	$27.00	$31.75

See Our Whiter Than White Enamel



Sink Only as low as $3.60 Cash

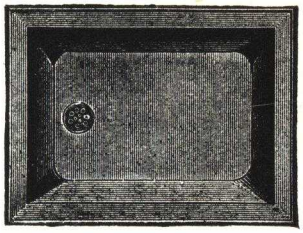
FLAT RIM SINKS

These flat rim sinks are white porcelain enameled inside and painted outside. One piece cast iron with flat rim, suitable for use with built-in cabinets. The inside corners are rounded and easy to keep clean. Sink without fittings; does not include trap or strainer. For strainer or tail piece, add $ .45 to the price of the sink only. Sizes shown below.

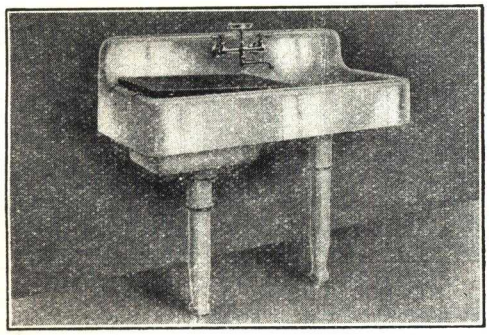
Sizes	Prices	Sizes	Prices
14 x 20	$3.60	18 x 30	$4.75
16 x 24	4.25	20 x 24	4.95
18 x 24	4.45	20 x 30	5.35

BLACK IRON SINK

There are many places where these sinks can be used; over-night cabins, gas stations, cottages, etc. Each sink is supplied with a 4¾" strainer, a coupling for 1½" lead pipe and two ¼" x 2" sink bolts with washers and nuts.



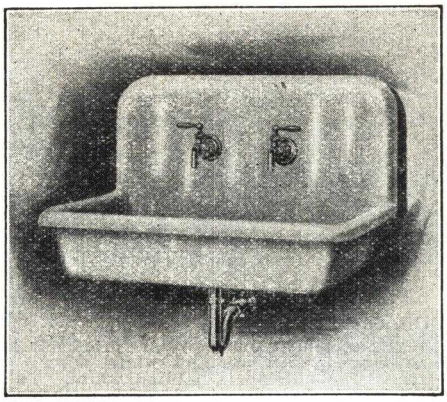
Size	Depth	Price
18 x 30"	6"	$3.00
20 x 30"	6"	3.40



COMBINATION SINK AND LAUNDRY TUB

This beautifully made combination sink and laundry tub has been in tremendous demand everywhere, due to its double purpose in serving the busy housewife who desires to save space, labor and the expense of installing two separate fixtures. Made of iron, cast in one piece and coated with pure white porcelain enamel. Supported on concealed wall hangers. It is equipped with top spout mixing faucet in the newest design, improved boltless strainer, and combination trap to wall.

Size	Sink Only	Complete
42-inch	$23.75	$40.85
51-inch	29.00	46.10



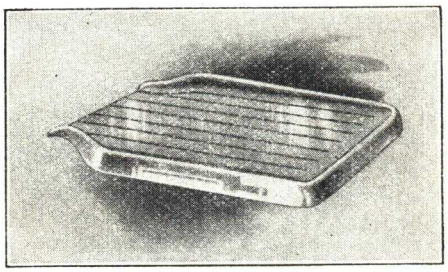
ROLL RIM SINK

At the price of this sink, no one should hesitate, if they are thinking of installing an inexpensive one in their home. It is made of iron, cast in one piece and coated with pure white porcelain enamel. Supported on concealed wall hangers. It is equipped with flanged faucets with china lever handles, improved boltless strainer and trap to wall. All metal is solid brass and heavily nickel plated. Size of sinks shown below.

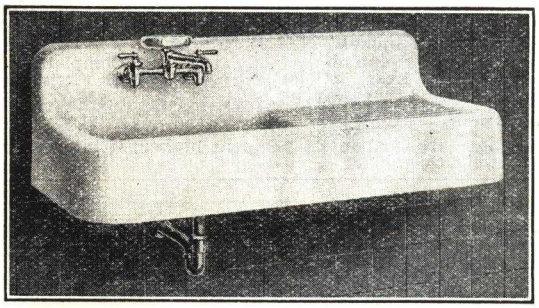
Size	Sink Only	Complete
18 x 24	$ 6.65	$10.55
18 x 30	8.40	12.30
20 x 24	9.15	13.05
20 x 30	8.50	12.40
20 x 36	11.65	15.55

DRAIN BOARDS

Size	Price
18 x 18	$4.95
18 x 24	6.10
20 x 18	5.35
20 x 24	7.50
22 x 18	5.75
22 x 24	7.30



These drain boards are made of cast iron and porcelain enameled. They are reversible and can be used on either side of the sink. Adding one of these drain boards to your present sink will improve it considerably. Sizes shown above.



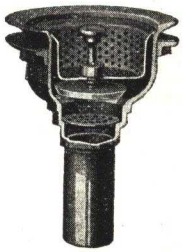
"LAKEVIEW" 3-8's APRON KITCHEN SINK

Size	Price
22 x 42	$32.50
22 x 52	36.50

The "Lakeview" as illustrated is a one-piece cast iron porcelain enameled, single drain board sink, with an 8" back, 8" apron and is 8" deep. Furnished in white. If interested in colored enamelware, write for color illustration, showing twelve different colors. Fittings include: All-metal chromium plated, new style, top spout mixing faucet; new style chromium plated bucket type strainer, removable top; 1½" chromium plated trap to wall; fittings are all chromium plated. Prices above include fittings.

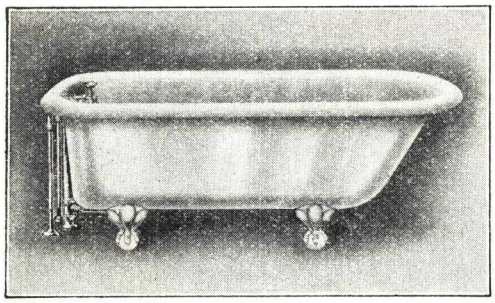
BUCKET TYPE STRAINER

All 3-8's sinks are equipped with this new bucket type double strainer, the inner section which catches crumbs and food particles. Lifts out by the small knob for emptying and cleaning. Metal stopper permits filling sink for washing dishes. This fixture is chromium plated.



Quality Bathtubs in Latest Designs

Tub Only
$16.25
Cash
Delivered

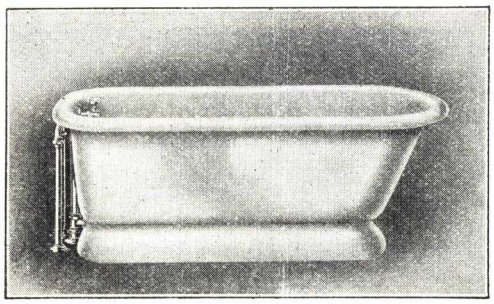


TUB ON LEGS

This popular bathtub is a real bargain at our new low price. It is made of heavy cast iron and coated with genuine white porcelain enamel, inside and over the rim. The outside is painted white. Tub is 22 inches high, 17 inches deep and your choice of 30 or 26 inches in width, to fit any bathroom. Equipped with quick compression faucets with white china lever handles, connected waste and overflow, and offset supply pipes to floor.

Size	Tub Less Fittings	Complete With Fittings
4½ feet	$16.25	$20.25
5 feet	17.00	21.00
5½ feet	$19.80	23.80

Price of colored enamelware is about 25 per cent higher; if interested, write for color chart and prices.



Tub Only
$22.00
Cash
Delivered

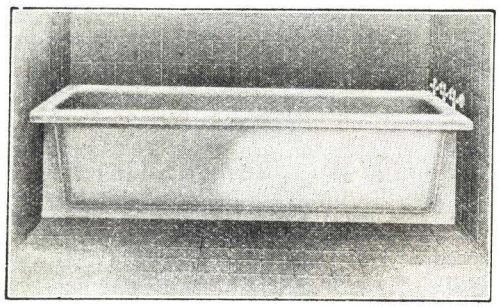
TUB ON BASE

This tub is furnished with base to floor, instead of legs. This prevents dirt and dust from settling under the tub, and gives the tub a rich appearance. Made of heavy cast iron and white porcelain enameled inside and over the rim. The outside of tub is painted white. Tub is 22 inches high, 17 inches deep and 30 inches wide. Equipped with quick compression bath faucet with white china lever handles, connected waste and overflow and offset supply pipes to floor. All metal is solid brass and plated with nickel.

Size	Tub Less Fittings	Complete With Fittings
4½ feet	$22.00	$26.00
5 feet	23.35	27.35
5½ feet	26.35	30.35

Price of colored ename are is about 25 per cent higher; if interested, write for color chart and rices.

Tub Only
$25.50
Cash
Delivered



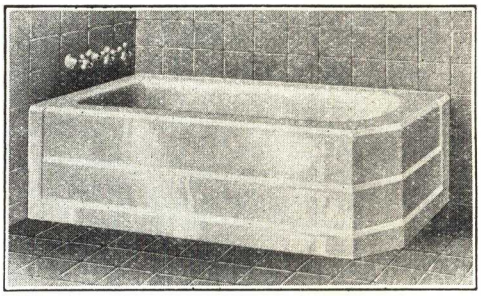
SINGLE SHELL RECESS TUB

Here is a bathtub in the recess design that is very attractive, yet low in price. It is made of heavy cast iron and coated with genuine porcelain enamel, inside and over the rim. The outside is painted white. Tub is 18 inches high, 17 inches deep and 30 inches wide. May be furnished for left or right hand trimmings. Equipped with solid brass compression combination fixtures and solid china, indexed cross handles with flanges. These fittings are so arranged that water lines can be attached for shower in wall. All exposed metal is heavily plated with nickel.

Size	Tub Less Fittings	Complete With Fittings
5 feet	$25.50	$36.85
5½ feet	29.00	40.35

Price of colored enamelware is about 25 per cent higher; if interested, write for color chart and prices.

Tub Only
$36.25
Cash
Delivered

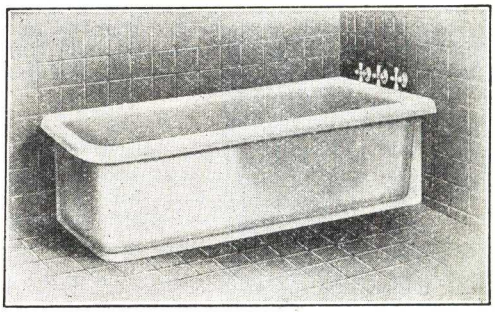


THE NEWPORT CORNER TUB

This handsome bathtub is the last word in style. Its distinctive appearance appeals to builders of modern homes. Made of the highest quality gray iron, cast in one piece, and coated with glistening white porcelain enamel. Designed to be placed in a corner. Tub is 18 inches high, 17 inches deep, and 31 inches wide. May be had for left or right hand corner. Equipped with solid brass compression combination fixture and solid china indexed cross handles with flanges. This fitting is so arranged that water lines can be attached for shower in wall. All exposed metal is chromium plated.

Size	Tub Less Fittings	Complete With Fittings
5 feet	$36.25	$47.60
5½ feet	40.50	51.85

Price of colored enamelware is about 25 per cent higher; if interested write for color chart and prices.



Tub Only
$25.50
Cash
Delivered

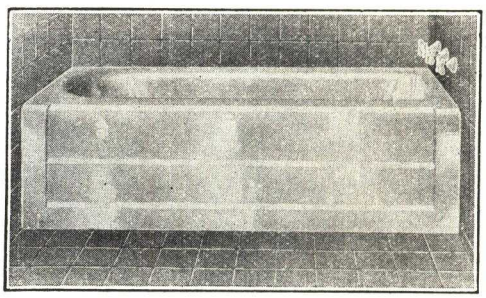
SINGLE SHELL CORNER TUB

In this design, we offer you a low priced corner tub that is strictly modern. Made of the best gray iron, cast in one piece and white porcelain enameled inside and over the rim. Outside is painted white. Tub is 18 inches high, 17 inches deep and 29 inches wide. May be had for left or right hand corner. Equipped with solid brass compression combination fixtures and solid china indexed cross handles with flanges. This fitting is so arranged that water lines can be attached for shower in wall. All exposed metal is heavily nickel plated.

Size	Tub Less Fittings	Complete With Fittings
5 feet	$25.50	$36.85
5½ feet	29.00	40.35

Price of colored enamelware is about 25 per cent higher; if interested, write for color chart and prices.

Tub Only
$30.45
Cash
Delivered



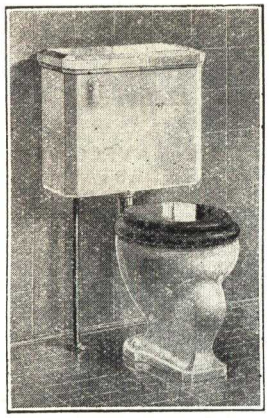
RECESS TUB

This is our latest, most up-to-date tub; a beautiful fixture for high grade homes. Made of heavy cast iron, and white porcelain enameled. Designed to be built in on one side and two ends. Tub is 18 inches high, 17 inches deep, and 31 inches wide. Equipped with solid brass combination fixture and solid china, indexed cross handles with flanges. This fitting is so arranged that water lines can be attached for shower in wall. All exposed metal is chrome plated.

Size	Tub Less Fittings	Complete With Fittings
4½ feet	$30.45	$41.80
5 feet	31.25	42.40
5½ feet	36.00	47.05

Price of colored enamelware is about 25 per cent higher; if interested, write for color chart and prices.

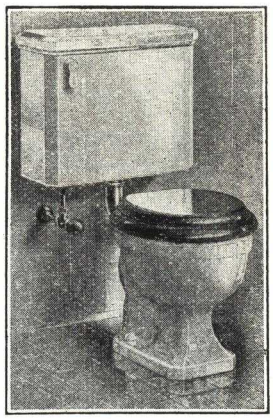
First Quality Closet Combinations



SYPHON WASH DOWN

Tank and bowl are beautiful white vitreous china, hard fired and deeply glazed. Tank has chromium plated lever handle. It is equipped with copper float, newest improved flush valve, nickel plated floor bolts, a nickel plated supply pipe, a two inch elbow flush pipe and a mahogany seat and cover. All metal parts are solid brass and plated with nickel.

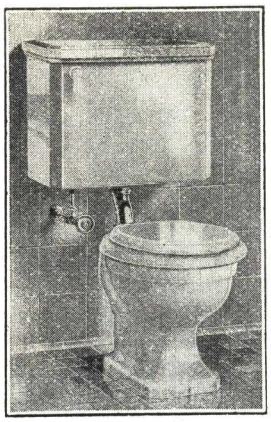
Price $12.95



REVERSE TRAP

The trap of this combination is to the rear of the bowl, rather than in front. It is of twin jet construction which gives it a strong flushing action. Tank and bowl are of beautiful vitreous china, hard fired and deeply glazed. It is equipped with copper float, newest improved flush valve, nickel plated floor bolts, a nickel plated supply pipe, and a mahogany seat and cover. All metal is made of solid brass.

Price $14.50



SYPHON JET

This high quality outfit is scientifically correct in design, generous in construction, and adaptable to any bathroom combination. It has a two inch offset flush pipe with a beautifully designed china shield. It is equipped with the newest improved flush valve, a supply pipe and a white sprayed seat with chromium plated hinge. All metal is solid brass and plated with chromium.

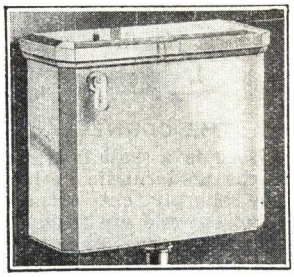
Price $23.25

CLOSET BOWLS

This bowl is attractive in appearance and contains many sanitary features, such as large opening in the bowl, maximum water surface, deep seal, and large opening through trap. A bowl which will give long and efficient service, and is recommended where economy is desired.

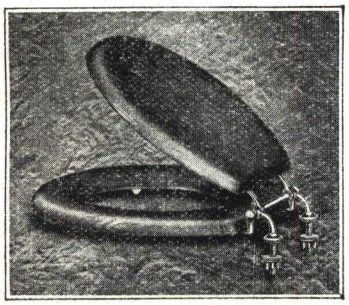
Type	Price
Wash Down Bowl	$4.25
Reverse Trap Bowl	5.90
Syphon Jet Bowl	8.75

VITREOUS CHINA TANK



These tanks are used on the above outfits, and occasionally a customer replaces the old style wood and other type of tanks with the more modern vitreous china tank. The vitreous china tank is much more attractive than any other style closet tank, and will outlast practically every other type. When tanks are purchased separately they include as regular equipment, the ball cock, or supply valve and the flush valve, also chrome plated supply pipe, and the chrome plated flush elbow leading from the tank to the bowl.

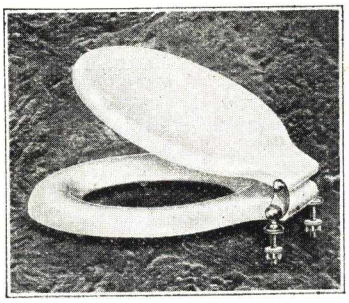
6 Gal. Tank with fittings	$ 7.00
8 Gal. Tank with fittings	12.25



OAK OR MAHOGANY SEAT

This mahogany finish seat is guaranteed not to split. It is assembled by heavy tongue and groove construction with heavy hickory dowel in both front and rear of seat. The lumber used is thoroughly kiln-dried and the workmanship is excellent.

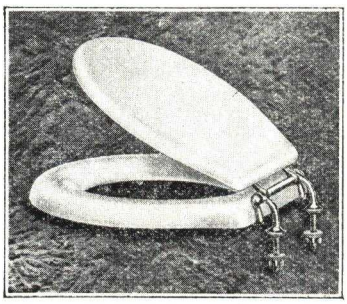
Price $1.95



SPRAYED SEAT

These seats are made of thoroughly kiln-dried hardwood, manufactured by expert workmen, and sprayed with the highest quality enamel obtainable. This enamel is smooth and has a high lustre.

Price $2.75

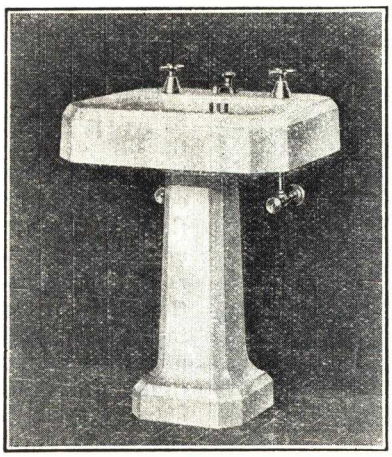


SHEET COVERED SEAT

Made of solid birchwood, with heavy coating of seamless sheet celluloid, genuine hand rubbed. Sanitary as a piece of china and easy to keep clean. Made to look in harmony with any type of bowl. Comes in colors as well as white. Chrome plated hinge.

Price $6.00

Lavatories of Quality at Lower Prices



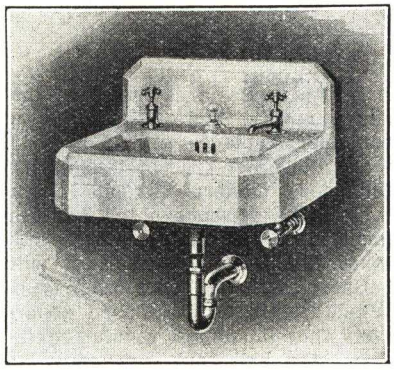
Lavatory Only
$13.60
Cash
Delivered

THE JEFFERSON

The Jefferson is an attractive pedestal lavatory in the latest design. The sharply cut corners on it are very pleasing to the eye and it appeals to many. It is made of heavy cast iron and coated with pure, white, gleaming, porcelain enamel. For workmanship and quality, it is unsurpassed. Fittings include: a single stream all-metal lavatory fixture and pop-up waste; trap to wall and angle supply pipes with flanges. All metal is solid brass and plated with chromium.

Lavatory Only	With Fittings to Wall	With Fittings to Floor
$13.60	$23.85	$24.55

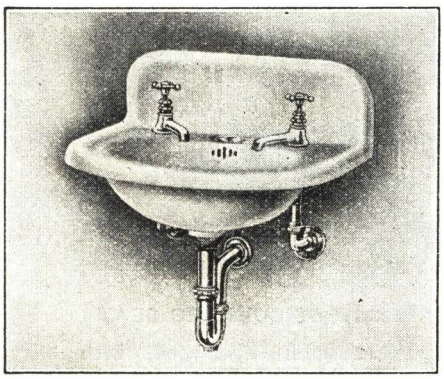
Lavatory Only
$9.85
Cash
Delivered



THE CORNELL

Here is a wall lavatory in the modernistic design. The sharply cut corners stand out and are truly an artistic feature in making this a most attractive lavatory. It is made of heavy cast iron and coated with genuine white porcelain enamel. The fittings include two compression faucets with china indexed handles, angle supply pipes with flange, trap to wall and pop-up waste. All metal is solid brass and plated with nickel. Size of lavatory is 17 x 21 inches.

Lavatory Only	With Fittings to Wall	With Fittings to Floor
$9.85	$15.90	$16.60

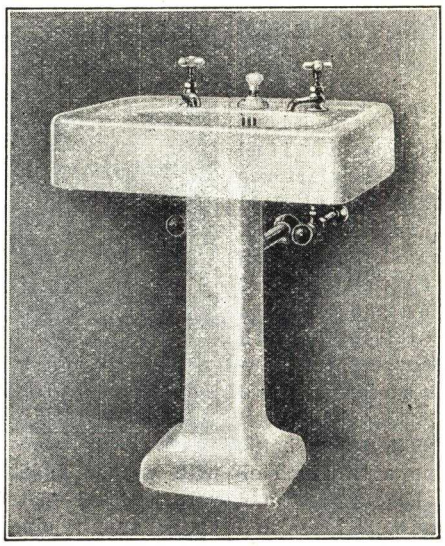


Lavatory Only
$5.10
Cash
Delivered

THE HANCOCK ROLL RIM LAVATORY

A very handsome and inexpensive lavatory that represents an unusual saving. Especially adapted for cottages, garages, out-buildings, etc. It is made of cast iron and coated with pure white porcelain enamel. Supported on concealed wall hangers. Fittings include: two compression faucets with china handles; angle supply pipes with flanges, trap to wall and chain and rubber stopper. All metal is solid brass and plated with nickel. Size of lavatory is 17 x 19 inches.

Lavatory Only	With Fittings to Wall	With Fittings to Floor
$5.10	$9.05	$9.75



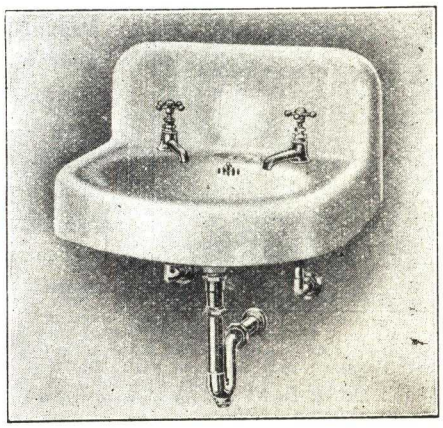
Lavatory Only
$13.60
Cash
Delivered

THE MAYFLOWER PEDESTAL LAVATORY

An attractive pedestal lavatory that looks many more times its real value. Beautifully proportioned and made of iron, cast in one piece and coated with pure white porcelain enamel. Large deep bowl, full apron, and wide slab. Fittings include two compression faucets with china handles, angle supply pipes with flanges, trap to wall and pop-up waste. All metal is solid brass and plated with nickel. Size of lavatory is 24x20 inches.

Lavatory Only	With Fittings to Wall	With Fittings to Floor
$13.60	$19.85	$20.55

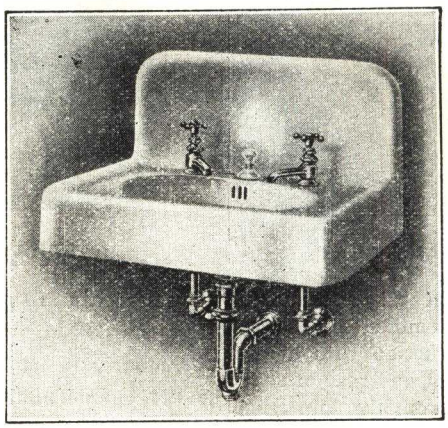
Lavatory Only
$5.40
Cash
Delivered



ROUND APRON LAVATORY

This lavatory will give unlimited years of service. It is made of heavy iron, cast in one piece and coated with pure white porcelain enamel. Supported on concealed wall hangers. Fittings include: two compression faucets with china handles; angle supply pipes with flanges; trap to wall and chain and rubber stopper. All metal is solid brass and plated with nickel. Size of lavatory is 17x19 inches.

Lavatory Only	With Fittings to Wall	With Fittings to Floor
$5.40	$9.40	$10.10



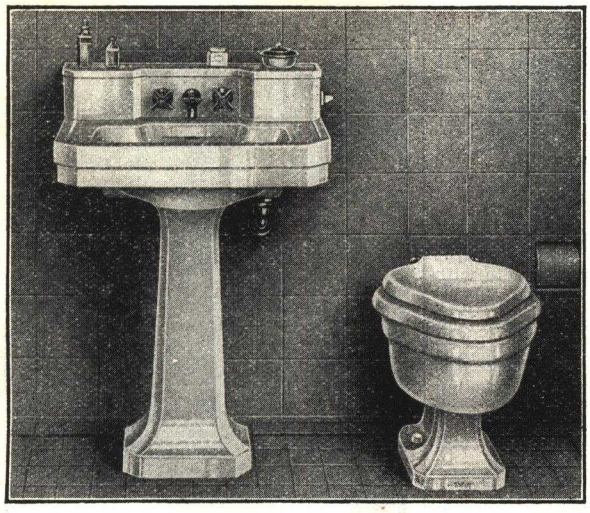
Lavatory Only
$6.80
Cash
Delivered

THE ARLINGTON SQUARE APRON LAVATORY

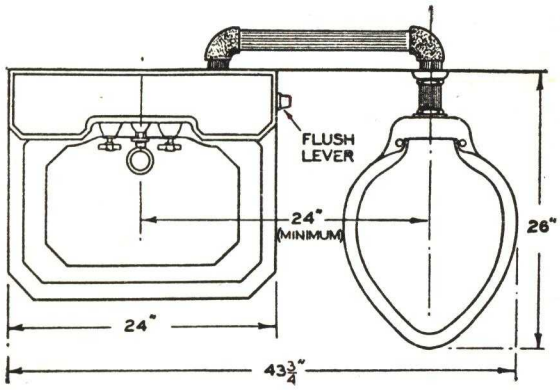
This up-to-the-minute lavatory of square apron design is one of our most popular models, due to the wide room on top for shaving accessories, etc. It is made of cast iron and coated with pure white porcelain enamel. It represents the finest in quality and worshanship. Supported on concealed wall hangers. Fittings include compression faucets with china handles, angle supply pipes with flanges, trap to wall and chain and rubber stopper. All metal is solid brass and plated with nickel. Size of lavatory is 17 x 21 inches.

Lavatory Only	With Fittings to Wall	With Fittings to Floor
$6.80	$10.80	$11.50

Save on Your Plumbing



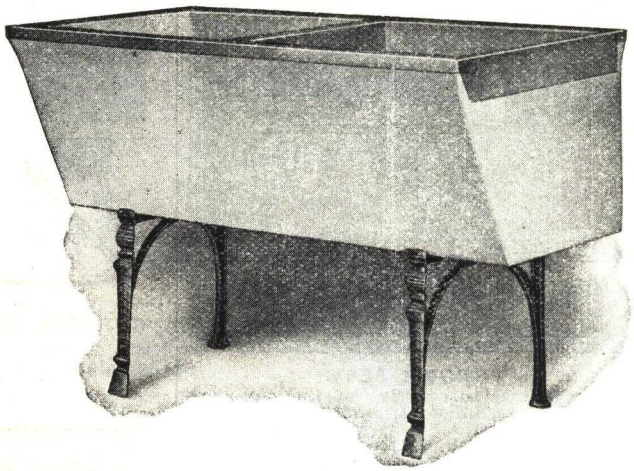
The diagram illustrates how the water flows from the tank of the lavatory through the concealed flush pipe in the wall to the back inlet bowl. Where building structural conditions do not permit the flush pipe being concealed in the wall, an exposed chromium plated flush pipe will be supplied. The flush lever for the closet is conveniently located on the end wall of the lavatory. Saving of space is of especial importance in the modern apartment and home. Note the small floor space, 43¾" x 26" extreme over-all measurement required for the Dressette. Yet there is no crowding.



DRESSETTE

The Dressette is something new in bathroom fixtures. It marks a distinct step forward toward the goal of pleasing simplicity and utility, and is moderate in cost. The lavatory is beautiful in lines and proportions and is provided with a raised shelf at the back, giving dressing table convenience out of the way of splashing water. Fittings of attractive design are placed in the recessed vertical wall, out of the way, yet in convenient reach. Dirty water and soap cannot collect around the escutcheons and the slab is entirely unobstructed, making it easy to clean. The usual unsightly supplies and valves are eliminated from under the slab. They are now concealed under the shelf cover. Tank fittings are of high quality and readily accessible. This fixture may be had with closet bowl on either side of the lavatory. It also comes with chrome legs, if preferred.

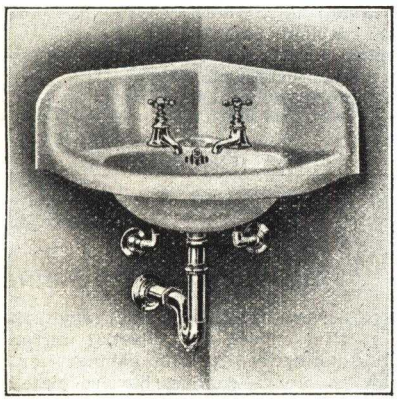
With Pedestal **$76.50**
With C. P. Legs **82.50**



CEMENT LAUNDRY TRAY

Our re-enforced cement laundry trays are perfectly moulded, also seamless with a zinc cover, moulded around all top edges. These are especially smooth and will retain the smooth finish after many years of service. A special feature of these tubs is the twin waste connection bringing all outlets into one center waste pipe connection. All tubs, when completely furnished, include stand and combination faucet, which has a swing spout threaded for hose connections. Trap is extra.

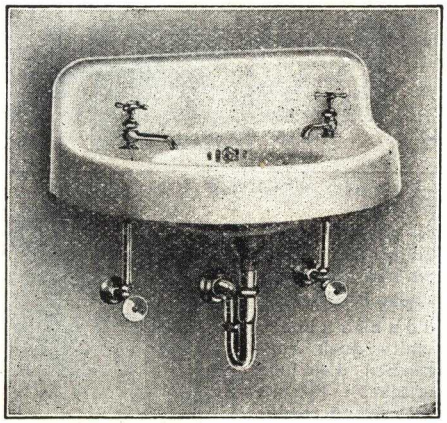
	Size	Tray With Stand	Tray With Stand and Faucet
1 part tray	24 x 24	**$7.00**	**$8.85**
2 part tray	24 x 28	**9.00**	**10.85**
3 part tray	24 x 72	**11.00**	**12.85**



ROLL RIM CORNER LAVATORY

A design which permits corner space to be efficiently utilized. Practical wherever an additional lavatory is needed in the home. Cast iron porcelain enameled with 6" back. Supported on concealed wall hangers. Furnished with: Compression faucets with china indexed tops marked "Hot" and "Cold"; 1½" cast brass trap to wall; ⅜" supplies to wall with flanges; chain stay and plug style waste.

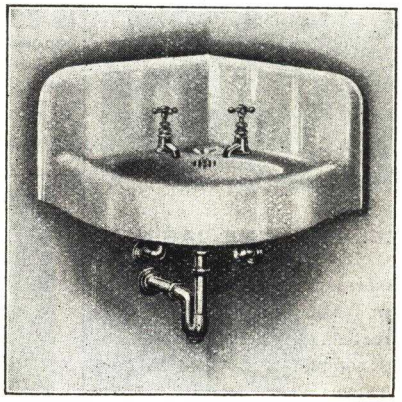
Size	Lavatory Less Fittings	Complete With Fittings
17 x17	**$6.90**	**$10.80**
20 x 20	**8.95**	**12.85**



ROUND FRONT SPACE SAVING LAVATORY

This lavatory is specially adapted to apartments and homes where space is at a premium. Cast iron fixtures with heavy porcelain enamel. Fittings include: Compression faucets, china indexed tops marked "Hot" and "Cold"; 1½" cast brass trap to wall; ⅜" supplies to wall with flanges; chain stay and plug. Fittings are heavy brass nickel-plated.

Size	Lavatory Less Fittings	Complete With Fittings
14 x 26	**$9.35**	**$13.25**

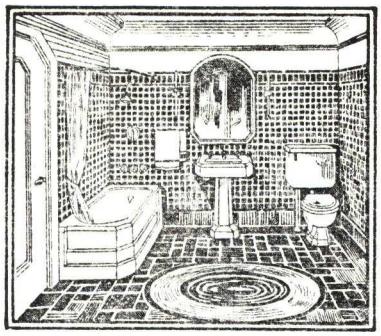


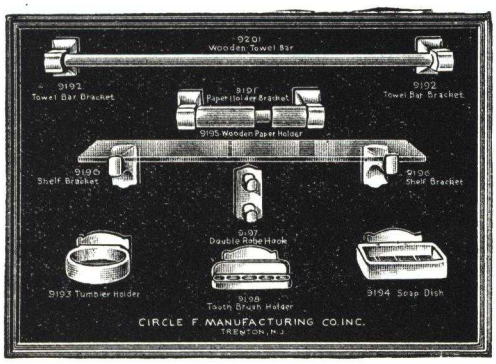
APRON CORNER LAVATORY

An inexpensive and practical lavatory to be installed anywhere in the home for an added convenience. Cast iron heavily porcelain enameled. Supported on concealed wall hangers. Furnished with: Compression faucet, china indexed tops marked "Hot" and "Cold"; trap to wall; supplies to wall with flanges; rubber stopper and chain.

Size	Lavatory Less Fittings	Complete With Fittings
17 x 17	**$7.85**	**$11.75**
20 x 20	**9.25**	**13.35**

Bathroom Accessories



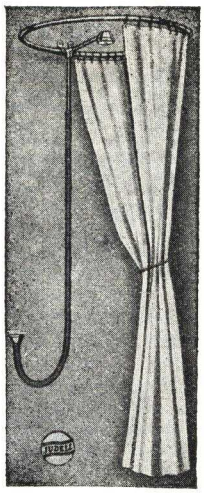


BATHROOM SETS

This is the most distinctive of the one-piece idea carried in bathroom trimmings. The outstanding feature of the line is the concealed wall attachment, which eliminates unsightly screw hole openings and makes the installation very simple.

Price, Per Set

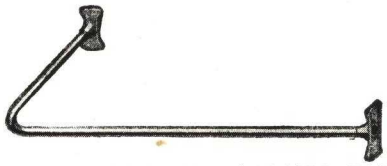
White $1.50
Colors 1.75



PORTABLE SHOWERS

This shower-bath outfit can be installed in less than fifteen minutes. It consists of 24-inch curtain ring with shower head and bracket for attaching to wall, as well as rubber tube with handy slip-on faucet connection; metal parts are made of brass and plated with nickel. Furnished complete with heavy 8 oz. double filled, white duck curtain. Size 78 x 66 inches. Equipped with nickel plated curtain hooks and screws for fastening curtain ring to wall.

Nickel Plated $5.25
Chrom. Plated 5.75

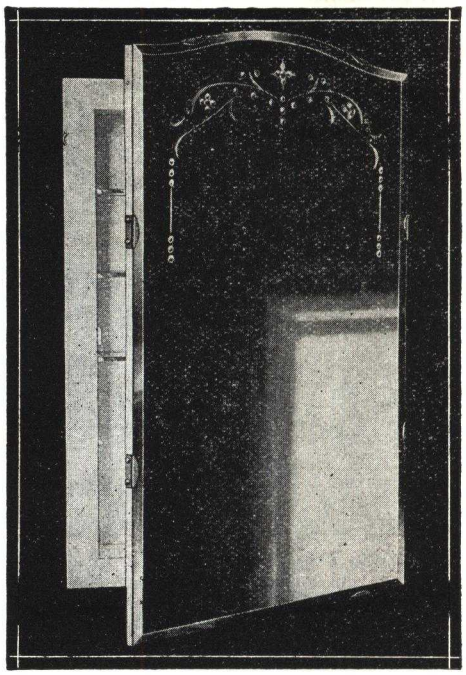


CURTAIN ROD FOR CORNER TUB

Nickel Plated .....each $3.30
Chromium Plated .....each 4.05

CURTAIN ROD FOR RECESS TUB

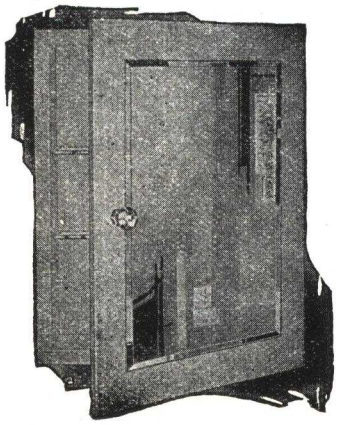
Nickel Plated .....each $1.85
Chromium Plated .....each 1.95



VENETIAN MEDICINE CABINET

This cabinet is far superior to the usual medicine cabinet, and you cannot duplicate it at this price. Installed in many of America's choicest homes. Made of steel throughout. Snow-white enamel finish is permanently baked on. Size of mirror is 16" x 28" beveled edge. Cabinet is 5" deep and has three glass shelves. Rough wall opening 13½ x 17½". Fits between studdings. Can be used in new or old bathrooms.

Price, each $12.75



STEEL MEDICINE CABINET

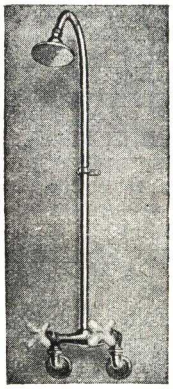
A necessary convenience for the modern bathroom. This sturdily constructed, all steel medicine cabinet is completely finished in durable baked white enamel. It is sanitary and modern. Plain plate mirror 12 x 16". Cabinet sets in wall opening 14" wide and 8" high. Two glass shelves furnished. Door has glass knob and concealed hinges. Comes complete, ready to be set in wall, held in place by four screws which are furnished.

Price $7.50

EXPOSED SHOWER

A complete shower unit that can be used with any style built-in tub. Easy to install. No cutting into walls, nothing complicated. Consists of combination ½ inch shower valve and union connection, 4 inch ball joint shower head, and ½ inch I. P. galvanized gooseneck riser, 24 inches high from valve connection to head connection. Nickel-plated and trimmed with china.

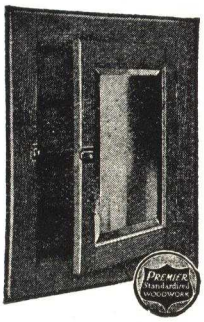
Nickel Plated $7.85
Chromium Plated 8.05



WOOD MEDICINE CABINET

Made of beautiful California White Pine. Complete with casings and back band. No bathroom is complete without a medicine cabinet, considering the small investment there is, no item of built-in woodwork that furnishes greater convenience to the family as a whole. The medicine cabinet can be used for keeping shaving accessories, soap, tooth brushes, etc., as well as simple household remedies.

Price, each $6.75



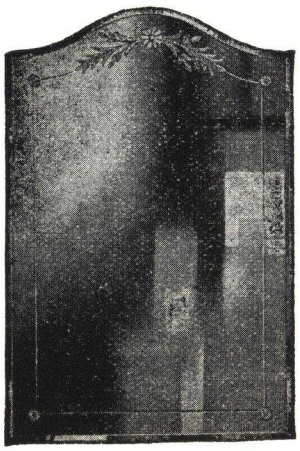
SHOWER CURTAINS

Heavy, 8 ounce, double filled, white duck curtains; double stitched. For all recess and corner tubs. May be had in colors as well as white.

Prices

For Recess Tub white, 5 feet $1.25

For Corner Tub white, 8 feet $2.10



VENETIAL MIRROR CABINET

New style insert cabinet with beautiful curved top Venetial mirror. A distinctive, useful cabinet for the bathroom—flawless beveled plate mirror fastens securely to the door (two bolts and channel at bottom). Cabinet is of heavy sheet steel, finished in baked enamel. Wall opening required is 14 x 24"; glass size is 16 x 28". This attractive cabinet will give any bathroom a modern decorative touch.

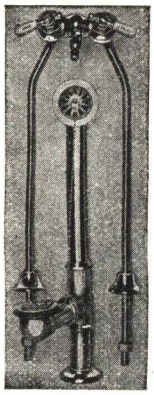
Price $11.50

Bathtub Fittings

ALL METAL CHROMIUM BATH FITTINGS

This built-in equipment is used for corner or recess tubs. Has compression valves and non-rising stem. Working parts can be replaced from front of wall without disturbing connections. Carried in stock in plain all-metal and hexagon all-metal chromium plate.

All-Metal Chrome $12.75
Metal Hex Chrome 12.75



BATHTUB SET

This set of fittings include: A quick compression bath faucet, bent supplies with slip joint connections and connected waste and overflow. All fittings are made of solid brass and plated with nickel. The faucet has china lever handles indexed "Hot" and "Cold," with removable shampoo nozzle.

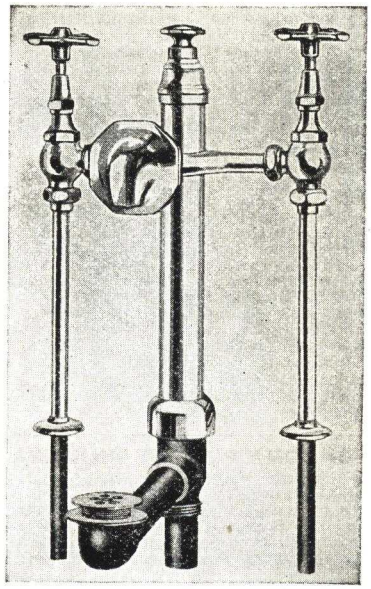
Price, complete $4.50

CONNECTED WASTE AND OVER-FLOW

	Nickel Plate	Chrome Plate
For leg tub	$1.50	$1.85
For built-in tub	2.10	2.25
Trip lever waste	4.25	4.75

NO. 3 BATH FAUCET

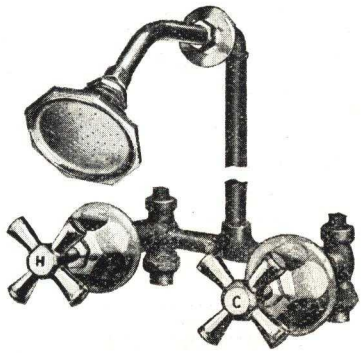
China Indexed Handles—nickel plated.....$2.25
China Cross Handles—chrome plated..... 2.50
All-metal Handles—chrome plated 2.50



EXPOSED COMBINATION BATH SUPPLY AND DRAIN FIXTURES

For double shell built-in tub. Compression top nozzle with supply pipe and 2 inch diameter steam drain with iron pipe. Size ½ inch supply pipes.

Chromium plated with china trimmings..$15.50
Chromium plated all metal—as illustrated 15.50



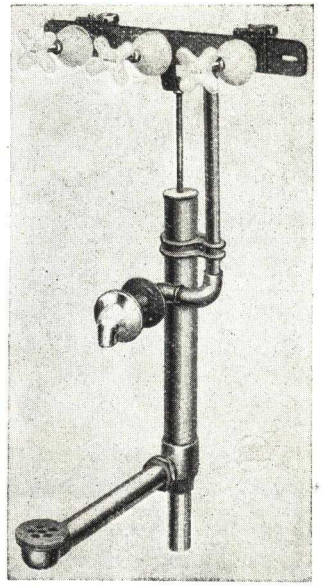
CONCEALED SHOWER UNIT

An improved shower fixture for houses with built-in tub and shower stalls. Consists of 4 inch cast brass ball joint shower head and arm. pipes and fittings not included. Made of solid brass throughout.

Nickel Plate with china.....$5.75
Chromium Plate with china..... 6.20
Chromium Plate all-metal 6.55

BATH SUPPLIES

	Nickel Plate	Chrome Plate
9/16" Offset Straight	$ .85	$1.10
½" I. P. S. Straight	1.20	1.50

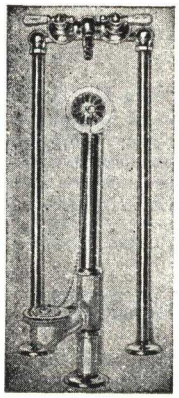


CHROME AND CHINA CONCEALED BATH FIXTURES

Built-in equipment for corner or recess tubs. Has compression valves and non-rising stem. Working parts can be replaced from front of wall without disturbing connections. All metal parts are made of solid brass.

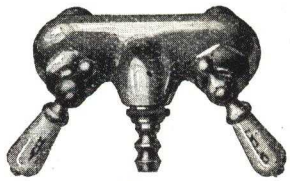
Chrome and china—as shown.....$11.50

COMPLETE BATHTUB SET



This complete set of fittings include: A quick compression bath faucet; half inch iron pipe size, bath supplies with ball offset coupling and 17 gauge connected waste and over-flow. All metal parts are made of genuine brass and plated with chromium. The bath faucet has china lever handles lettered "Hot" and "Cold," with removable shampoo nozzle.

Price complete $5.85

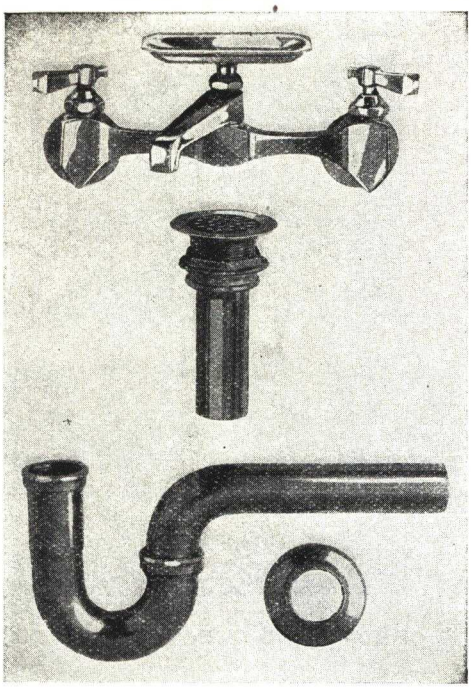


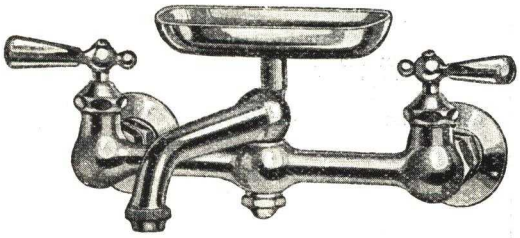
DOUBLE BATH FAUCET

Light Pattern nickel plated double faucet. China handles indexed "Hot" and "Cold."

Nickel plated $1.50
Chrome plated 1.65

Sink Fittings

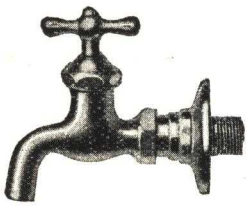




MIXING FAUCETS

Here is a combination faucet made of genuine brass and plated with nickel or chromium. A modern faucet in one of the newer designs. The top spout allows this faucet to be attached on our new low-backed 8" sinks. ½" male threads with adjustable flanges.

Chrome plated $4.00



SINK FAUCET

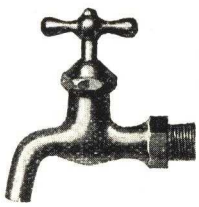
Here is an all-metal sink faucet with T handle and adjustable flanges. Made of brass and plated with nickel. Threaded for ½" iron pipe.

Price .....$ .75

FAUCET

A plain brass finished compression faucet Threaded for ½" iron pipe.

Price .....$ .60



CHROME PLATED SINK PACKS

This complete set of sink fittings include: The newest style metal mixing faucets with removable seats, the new improved boltless strainer, made of heavy gauge brass. Size is 1½" with 6" tail piece, trap to wall is made of 17 gauge genuine brass and plated with chromium. All fittings are plated with non-tarnishing chromium; an outfit that will last forever.

Price complete, trap to wall.....$8.75
Price complete, trap to floor..... 9.75

NEW STYLE MIXING FAUCET

The illustration shows a sink faucet that will improve the looks of any sink. Beautiful design, with graceful, swing spout and low, self draining soap dish. Equipped with replaceable seats of phosphor bronze giving it a durability several times the life of the ordinary faucet. Compact top spout design, suitable for use on low back sinks as well as those with high backs. Adjustable flanges, with ½" female threads.

Price $6.75
All metal chromium with removable seat and barrel 7.50

CHROME PLATED SINK TRAPS

Our chrome plated sink traps are made of heavy 17 gauge brass tubings. We carry the P trap to wall as shown in the illustration, as well as the S trap to the floor. Size of trap is 1½" and will fit any of our sinks shown in this catalogue. Trap does not include sink strainer and tail piece.

Price 1½" P trap to wall $1.75
Price 1½" S trap to floor..... 2.40

ANTI-SYPHON SINK TRAPS

These traps are constructed in such a way as to prevent the syphoning of water from the trap. They are made of heavy brass and plated with chrome or nickel. Size of trap is 1½" and will fit any of our sinks. Lavatory traps are priced in another part of our catalogue.

	Chrome	Nickel
Price 1½" P trap to wall.....	$3.25	$2.65
Price 1½" S trap to floor.....	3.95	3.25

MISCELLANEOUS SINK FITTINGS

Sink brackets for flat rimmed sinks.....$ .50
Drain board brackets per pair..... .50
1½" sink couplings for old style sinks..... .15
1¼" sink couplings for old style sinks..... .15
Brass sink bolts, each..... .05

TRAY PLUGS

Made of cast brass with polished face. Used in cement and soap-stone trays. 2" in diameter.

1¼" x 4".....	$ .40	1½" x 4".....	$ .45
1¼" x 6".....	.40	1½" x 6".....	.45
1¼" x 8".....	.45	1½" x 8".....	.50
1¼" x 12".....	.50	1½" x 12".....	.60

SINK FAUCETS

The illustration shows a pair of quick compression faucets with lettered handles and adjustable flanges. Faucets are made of brass and plated with nickel. Threaded for ½" iron pipe.

Price, each .....$ .90

SINK STRAINERS

This is the new boltless type of sink strainer. Made of genuine brass and plated with chromium or nickel. May be had in the sizes shown below.

	Chrome	Nickel
1½" with 4" tail piece.....	$ .45	$ .40
1½" with 6" tail piece.....	.45	.40
1½" with 8" tail piece.....	.50	.45
1½" with 12" tail piece.....	.60	.50
1¼" with 4" tail piece.....	.45	.40
1¼" with 6" tail piece.....	.45	.40
1¼" with 8" tail piece.....	.50	.45
1¼" with 12" tail piece.....	.55	.50

SINK FUNNELS

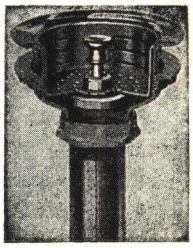
Made of brass in one piece and finished in satin nickel.

1½" x 4".....	$ .20	1¼" x 4".....	$ .15
1½" x 6".....	.20	1¼" x 6".....	.18
1½" x 8".....	.22	1¼" x 8".....	.20
1½" x 12".....	.25	1¼" x 12".....	.25

NICKEL PLATED SINK TRAPS

Our nickel plated sink traps are made of heavy brass tubing. We carry the P trap to wall as shown in illustration as well as S trap to floor. Size is 1½".

1½" P trap to wall.....$1.30
1½" S trap to floor..... 1.75

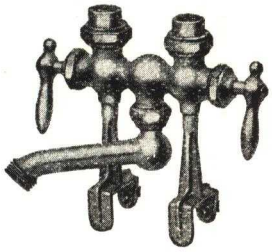


NEW BUCKET TYPE STRAINER

The latest in strainers for the modern sink. A marvelous invention. It enables the housewife to use the sink in which to wash dishes by simply closing the strainer and allowing the water to remain. This strainer catches solid matter and allows the water to drain away rapidly through the large outlet. By merely turning the knob the strainer closes and allows the water to remain. Handsomely finished in non-tarnishable chromium plate. Regularly equipped with our double drain board sink.

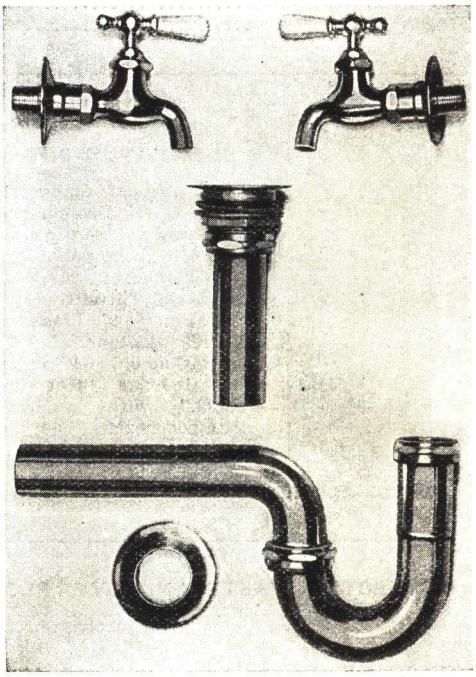
Price $3.00

LAUNDRY TUB FAUCET



Spout swings right and left so that two tubs may be supplied with hot and cold water from one faucet. Removable phosphor bronze seats give long life. Threaded with ½" iron pipe. Spout is threaded for hose connection. Made of brass and plated with nickel.

Price $1.80

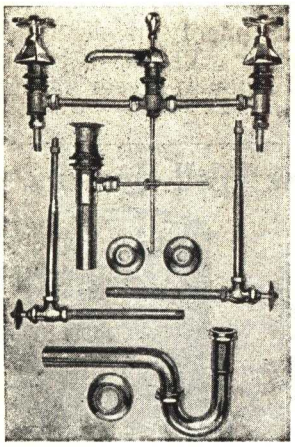


NICKEL PLATED SINK PACK

This complete set of sink fittings includes: Pair of heavy flanged faucets with lever handles, threaded for ½" iron pipes. Made of genuine brass and plated with nickel, new improved 1½" x 6" boltless strainer, made of heavy brass and plated with nickel and 1½" P trap to wall, made of heavy brass tubing and plated with nickel.

Price $4.10

Lavatory Fittings of Highest Quality



NEW WAY SET

This complete set of lavatory fittings includes —the new octagon design combination faucet and pop-up waste; angle supplies with stops and P trap to wall. This set is made of solid brass throughout and plated with chromium. Flanges are included for supplies and trap. Will fit any lavatory that we show.

Supplies with stops.....$15.25
Supplies without stops..... 13.40

COMBINATION LAVATORY FITTING

This single stream lavatory fitting with pop-up waste is made of genuine brass throughout and plated with nickel or chromium.

Nickel plated, with china.....$6.50
Chrome plated, with china..... 7.25
Chrome plated, all metal..... 7.85
Chrome plated, metal hex..... 9.35

MISCELLANEOUS LAVATORY FITTINGS

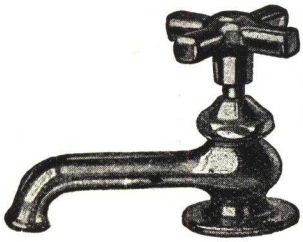
	Nickel	Chrome
3/8" Ells	$ .15	$ .20
1/2" Ells	.18	.22
3/4" Tees	.25	.30
1/2" Tees	.20	.25
Bead Chains	.08	.10
Rubber Stoppers	.10	..
Sure Grip Flanges	.10	.15
Speedy lavatory connections, per pair		.50

LAVATORY FAUCET

This is a compression lavatory faucet with all china handles. It is made of solid brass and plated with chromium or nickel.

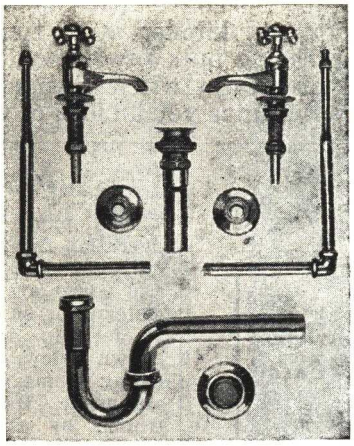
	Nickel	Chrome
Each	$ .90	$1.00

LAVATORY FAUCET



Here is an all-metal compression lavatory faucet with cross handles. It is made of solid brass throughout and plated with chromium.

Price, each $1.00



THE ECONOMY SET

This complete set of lavatory fittings includes: two faucets with cross handles indexed "Hot" and "Cold"; angle supply pipes and flanges; P. O. plug with chain and stopper and a P trap to wall with flange. All metal is solid brass and plated with chrome or nickel.

	Nickel	Chrome
Price complete	$4.60	$5.50

LAVATORY TRAPS

Our lavatory traps are made of heavy gauge brass tubing. We carry the P trap to wall as shown in the sets, as well as the S trap to the floor. Size of trap is 1¼ inches and will fit any of the lavatories shown in this catalogue. We stock the chrome plated as well as the nickel plated.

	Nickel	Chrome
1¼" P trap to wall	$1.10	$1.50
1¼" S trap to floor	1.50	2.00

ANTI-SYPHON LAVATORY TRAPS

These traps are constructed in such a way as to prevent the syphoning of water from the trap. They are made of heavy gauge brass and plated with chrome or nickel. Size of trap is 1¼"; will fit any of our lavatories. Sink traps are priced in another part of our catalogue. We carry both the S trap to floor and the P trap to wall.

	Nickel	Chrome
1¼" P trap to wall	$2.35	$2.95
1¼" S trap to floor	2.75	3.75

P. O. PLUGS

Made of brass and plated with nickel or chrome. Size is 1¼". Furnished complete with inch rubber stopper, beaded chain and tail piece.

	Nickel	Chrome
1¼" x 6"	$ .40	$ .45
1¼" x 8"	.45	.50
1¼" x 10"	.45	.50
1¼" x 12"	.50	.55

LAVATORY FAUCET

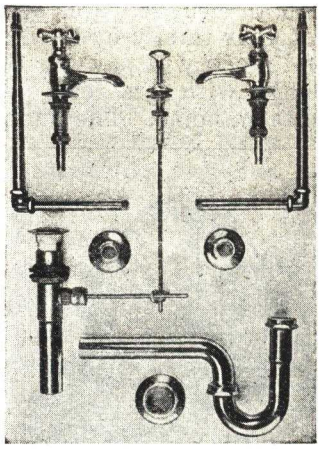
Here is a compression lavatory faucet with cross handles indexed "Hot" and "Cold." It is made of solid brass and plated with nickel or chromium.

	Nickel	Chrome
Price	$ .85	$ .90

LAVATORY STOPS

These lavatory stops are all-metal; made of solid brass; we handle both the angle and straight stop.

	Nickel	Chrome
Price	$ .60	$ .65



THE WEAR WELL SET

This complete set of lavatory fittings includes: a pair of all metal new design faucets; a pop-up waste; a pair of angle supplies with flanges; a P trap to wall with flanges. All metal is solid brass and plated with chrome or nickel.

	Nickel	Chrome
Price complete	$6.60	$7.75

COMBINATION SHAMPOO FIXTURE

Double shampoo lavatory fixture that is absolutely guaranteed to be of the finest workmanship. Complete with high quality rubber tubing. Made of solid brass and plated with chromium.

Price $10.50

LAVATORY SUPPLY PIPES TO WALL

	Nickel	Chrome
9/16 Tapered End Basin Supplies	$ .65	$ .75
3/8 I. P. S. Basin Supplies	.90	1.10

LAVATORY SUPPLY PIPES TO FLOOR

	Nickel	Chrome
9/16 Straight Tapered End Basin Supplies	$ .85	$1.05
3/8 I. P. S. Basin Supplies	1.05	1.25

LAVATORY FAUCET

This is a quick compression lavatory faucet with china lever handles. It is made of solid brass and plated with nickel or chromium.

	Nickel	Chrome
Price	$ .80	$ .90

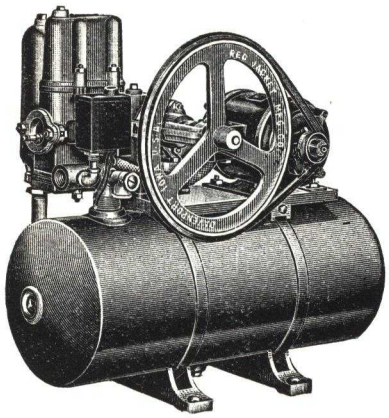
POP-UP WASTE

This pop-up waste is used on lavatories in place of the P. O. plug and chain and stopper. It is made of solid brass throughout and plated with nickel or china. No modern lavatory should be without the pop-up waste.

Nickel plated, with china.$2.10
Chrome plated, china..... 2.35
Chrome plated, all metal. 2.35
Chrome plated, metal hex. 2.75

Electric Water Systems

With an electric water system you can enjoy the convenience of fresh running water at all times. Guard the health of your family by having pure water for your kitchen at all times. In the barn plenty of clean water for cows and stock will pay big dividends in increasing milk production. Plenty of water will fatten cattle, stock and poultry with less feed. An electric water system will save many days of hard labor in a year's time on the average farm home. The pumps on this page will give you an idea of what you want.



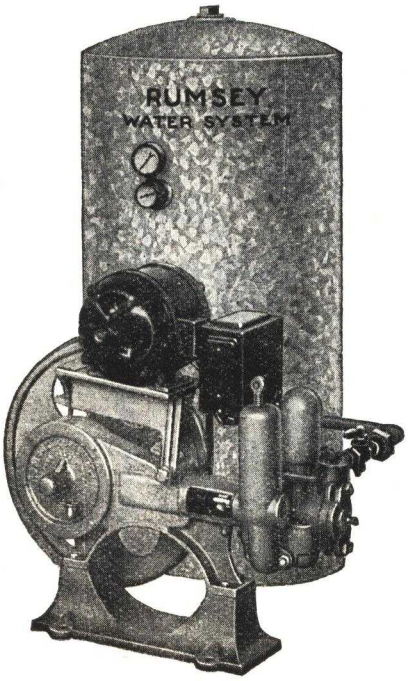
$42.50 Cash
Delivered

Red Jacket Pump

This outfit will deliver 250 gallons of water per hour from well or cistern up to 22 feet in depth. All the water you need, at the turn of the faucet, for the kitchen, for bathroom, for the laundry, for sprinkling lawn and garden, for stock drinking troughs, and for use in case of fire! Where else could you invest so small a sum and get such big returns in convenience, satisfaction and safety!

Pumping Unit with special water lubricated bearings which require no oil. This means no piston rod stuffing-box leakage; no oil polluted water in pumping system; no water polluted oil in crankcase. No other electric system offers this modern feature. ¼ H. P. Motor, 110 single phase motor. Pressure switch; relief valve; galvanized tank, 8-gal. size; V belt drive. Everything complete — nothing more to buy.

With 8 Gallon Tank $42.50
With 20 Gallon Tank $45.50



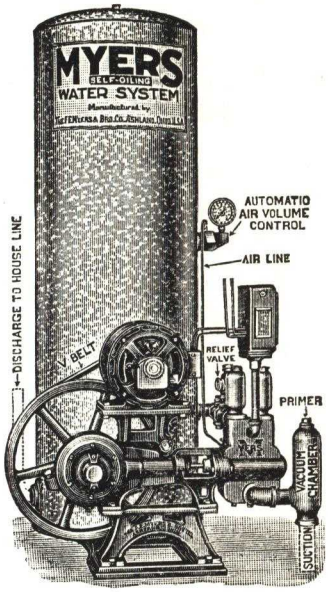
Electric Water System

This water system is fully assembled and individually tested at the factory. It consists of pump with V belt, automatic air-control relief valve, 42 gallon pressure tank, fittings from pump to tank, and 1/6 H. P. electric motor. A real pump at a low price.

Capacity per Hour	Size of Tank	Price
250 gal.	15 gal.	$65.00
250 gal.	42 gal.	75.00
350 gal.	42 gal.	80.00

Myers Shallow Well System

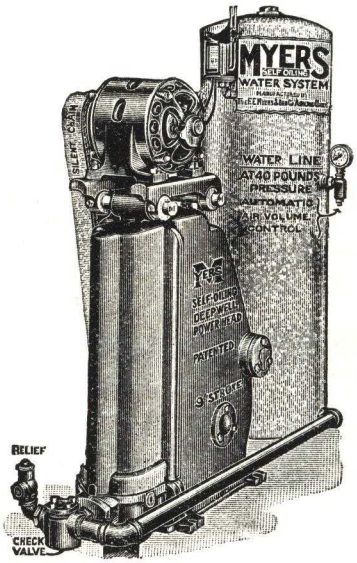
This pump is designed for operation from any kind of city current or from farm lighting and power systems. For use in cisterns or shallow wells up to 22 feet in depth. Capacities shown below. The Myers Self-Oiling Home Water System is automatic. Its operation is controlled by an electric switch which automatically starts the pump when the pressure in the tank falls to 20 pounds and stops the pump when the pressure reaches 40 pounds. The pressure is always maintained between these two points. The maximum pressure can be raised as high as 50 pounds if desired; however, 40 pounds is recommended. The air supply in the tank is controlled by the Automatic Air Volume Control. No personal attention necessary. Floor space 25" x 29" x 52" high.



No.	Capacity per Hour	Size of Storage Tank	Price
No. 926 A.M.	250 gal.	Direct System	$65.00
No. 927 A.M.	250 gal.	12 gal.	77.00
No. 906 A.T.	250 gal.	42 gal.	85.00
No. 909 A.T.	340 gal.	42 gal.	90.00
No. 901 A.T.	500 gal.	42 gal.	120.00
No. 902 A.T.	750 gal.	42 gal.	145.00

Any of these pumps can be furnished with Gas Engine where electric current is not available. If interested get in touch with us, for price, etc.

Myers Deep Well System

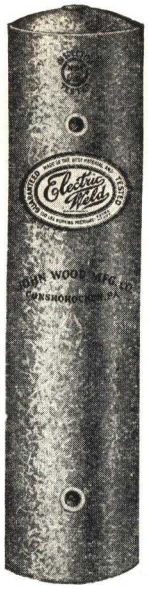


Myers Water Systems for deep well service represent progress. There is no reason, any more, for an unreliable supply where the well happens to be a deep one. Myers Water Systems with their positive self-lubrication, housed working parts, automatic control and other recent improvements leave nothing to be desired in the way of service. Composed of a Myers Self-Oiling Deep Well Power Pump, and Motor, connected to a forty-two gallon galvanized tank, usually located at one side of the pump but which can be placed elsewhere if desired. The necessary amount of air is controlled by the automatic air control. The air is supplied through the water line between pump and tank.

No.	Price
No. V2950 A.M.T. V. Belt Drive	$130.00
No. C2950 A.M.T. Silent Chain Drive	144.00

Can be furnished with gas engine where electric current is not available. If interested get in touch with us for prices, etc.

See Us Before You Buy



GALVANIZED RANGE BOILERS
Electric Welded

A range boiler is a practical necessity in the home that wants to provide hot water for washing dishes, bathing, etc. You merely turn the faucet and enjoy its comforts. These boilers live up to our standard of High Quality. Constructed from the best quality steel plate and the workmanship is of the finest. Heavily galvanized inside and out. This covers all parts of boiler with a coating of zinc and protects them against rust. They are tapped 1 inch for iron pipe thread. Cut shows new style high and low tappings. Old style can be furnished if desired at no extra cost. Can be connected to gas, kerosene burner or indirect type of heater. We recommend the use of safety relief valves on every range boiler installation. Complete fittings include—cold water tube, stand and couplings. Price quoted for range boiler only, does not include fittings.

Size	Range Boiler Less Fittings	Complete With Fittings
30 gal. standard	$7.25	$9.25
30 gal. extra heavy	8.85	10.85
40 gal. standard	10.25	12.25
40 gal. extra heavy	11.85	13.85

ASBESTOS AIR CELL PIPE COVERING

For covering pipes on heating systems. Will reduce your coal bills and improve your heating system. Furnished in three foot lengths. Asbestos is ¾" thick. Comes complete with canvas jacket and metal band.

Sizes	½"	¾"	1"	1¼"	1½"	2"	2½"	3"
Price, foot	$ .06	$ .07	$ .08	$ .09	$ .10	$ .11	$ .12	$ .13

Wool Felt Pipe Covering—To protect pipes from freezing. ½" per foot, $ .12; ¾" per foot, $ .14. **Hair Felt**—Per square foot, $ .18.

RANGE BOILER JACKETS

For 30 Gal. Boiler $2.50
For 40 Gal. Boiler 3.00

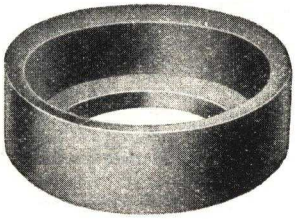
CLEAN OUT AUGER

Easily removes stoppage from closet bowls. Flexible coil is made of high grade spring steel. Saves removing closet bowl.

Price, each $1.35

PUMP LEATHERS

Size	Price
3"	$ .15
3½"	.18



CUP LEATHERS

Size	Price
3"	$ .25
3½"	.30

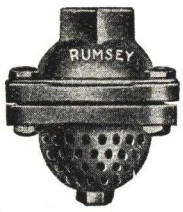
DRIVE WELL POINT

Price $1.65

Brass Foot Valve and Strainer

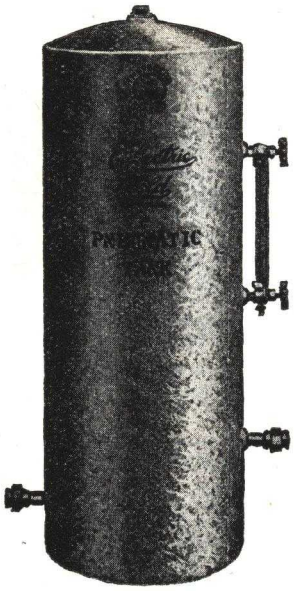
Size, ¾", made to go inside 1¼" pipe.

Price $1.75



FOOT VALVE & STRAINER

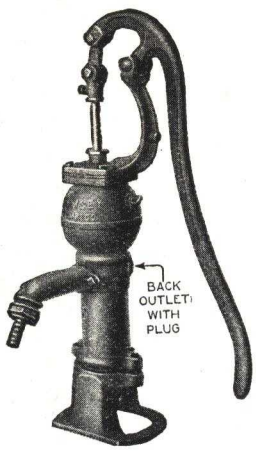
¾"	each	$ .75
1"	each	.75
1¼"	each	.95



PRESSURE TANK

Hydro-Pneumatic tanks for electric-automatic water systems. All tanks are designed for 75 lbs. working pressure and tested at 150 lbs. Hydro-Static Test, also air tested, insuring most thorough construction. Electrically welded throughout insuring greatest strength and highest workmanship. (1) These galvanized tanks are made by the "Hot-Dip" process, insuring heavy coating of best grade spelter inside and outside of tank. All openings threaded, reinforced pipe size connections. These tanks are neatly and uniformly constructed. Special openings furnished on request. Price does not include tank gauge.

Capacity	Shell Dia. Lgth.	Weight	Price
42 gallons	16" x 48"	94 lbs.	$10.50
82 gallons	20" x 60"	163 lbs.	15.75
120 gallons	24" x 60"	209 lbs.	20.00
220 gallons	30" x 72"	434 lbs.	39.25
315 gallons	36" x 72"	532 lbs.	71.50



FORCE PUMP

Price, each $7.75

LIFT PUMP

Standard only, $4.40; same pump with 4 ft. anti-freezing set length and iron cylinder, $7.90; with brass cylinder, $10.00.

PITCHER PUMPS

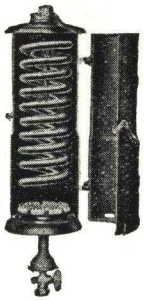
One of the most popular and serviceable Kitchen Sink Pumps on the market; used for pumping from cisterns or shallow wells where the water level is not more than 25 feet below the pump. Discharges at spout. Made of iron with interior highly polished to give extra long life to the leather packing.

	Price
No. 2 with cylinder 3" dia.	$1.65
No. 3 with cylinder 3½" dia.	2.25

Why Pay More?—There Is None Better

DOUBLE COPPER COIL GAS WATER HEATER

Guaranteed for Satisfaction. Tested and Approved by American Gas Association



Lower and lower falls the price on our Gas Water Heaters. We are sure, however, that prices will never be lower, and therefore, we urge you to take advantage of the greatest savings ever offered on guaranteed Gas Water Heaters. There is no finer heater made for this price. We have sold thousands of them with complete satisfaction to the users.

It is made of cast iron and will give many years of satisfactory service. Has improved burner specially designed to provide the maximum heat at the smallest possible fuel cost.

Gives quick heat with two ¾" seamless copper coils. Each heater has been tested and approved by the American Gas Association, and is absolutely safe. Furnished for ½" gas connection and for ¾" water connection.

The above heaters can be furnished for using bottle gas, such as Parafex, Philgas, Shellanc, Nugas, etc., at an added cost of 50 cents.

No.	Size	Price
CH115	15 to 20 gallon capacity	$4.50
CH40BU	40 gallon capacity	6.25
CH50BU	50 gallon capacity	7.50

KEROSENE WATER HEATERS

Safe, sure and economical. No noise, no smoke, no odor; supplies plenty of hot water at all times, and can be left burning constantly on a low flame if desired. Just the thing you need if you are without city gas. Lights with a match and has an intensely hot, blue flame. Cast iron door and jacket; 30 gallon capacity.

Price $15.75

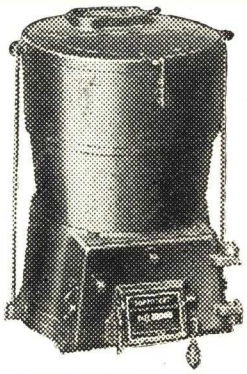
TANK HEATERS

This tank heater cannot be beaten for quality of materials used and ruggedness in construction. Heavy triple bar grate keeps fire bright and clean. Big capacity ash pit with securely fitted door, equipped with lift-up top lid with always-cool handle—a very desirable feature for re-fueling. Inside diameter of firepot, 9 inches; outside diameter of firepot, 14 inches. Size of water connection, 1 inch. Heating capacity, per hour, 40 gallons. 17 inches high. Takes 5" stove pipe.

This heater is for use in connection with the range boiler. It is a simple matter to connect it up, using regular galvanized pipe.

Price $8.25

HOT WATER SUPPLY BOILER



Made of a high quality gray cast iron. Cast iron is rust resistant and will never wear out. Abuse is the only destructive force that will lessen the life of these hot water boilers. It has a capacity of 40 gallons. Firepot is lined with fire brick, a special feature of construction that holds the heat and keeps water warm with but little fuel. Burns hard coal and is guaranteed to stand a steady pressure of 125 lbs. The Richardson Supertest, which we think is perfection in hot water heaters that use coal, carries an unconditional five year guarantee.

Price $10.00

DOME TOPPED WATER HEATERS

This big unit heats 85 to 100 gallons of water per hour easily—an ample supply for large homes and apartment buildings, for laundry, kitchen and bath. No other system of hot water supply gives the same service at so low a cost of operation.

Made of a high quality grade cast iron; is rust resistant and will never wear out. Equipped with heavily improved triplex grate suitable for all kinds of fuel. Large water jacket surrounds fire pot. Height over all, 24½ inches. A well built fuel saving water heater.

Price $12.75

We can quote you on water heaters with capacities up to 3000 gallons.

RANGE BOILER FITTINGS

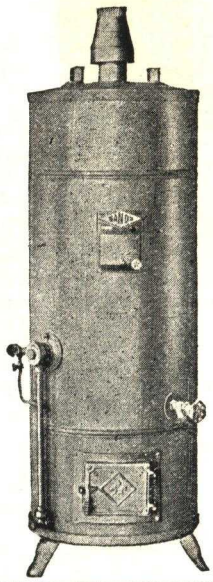
Adjustable Range Boiler Stand	$ .40
Hawks Pattern Stand	1.75
Brass Cold Water Tube	.45
Boiler Union Couplings	.25
Boiler Union Elbows	.30
Boiler Drain Cock	.35

RUBBER SHEET PACKING

This is an especially made rubber and chemical composition used for making union washer flanges, union gaskets, etc. Will resist steam, hot water, and any other substance of like nature. Thickness 3/10 of an inch. Price, per lb., $ .40. Asbestos Sheet Packing, price, per lb. $ .60.

AUTOMATIC GAS STORAGE WATER HEATER

Hot Water Always—At the Turn of a Faucet



NOW! at any time, day or night, you are supplied with hot water at the turn of a faucet. No longer must you be inconvenienced. The temperature is automatically controlled in the tank by means of a thermostat, which can be set to supply hot water at any temperature desired.

Constructed of the best materials and will give lasting service and satisfaction. The tank is extra heavy steel, galvanized inside and out. 300 lb. test, 127½ lbs. working pressure. The insulation is rock wool—one of the most efficient heat insulators known. The outside shell is finished in beautiful lacquer.

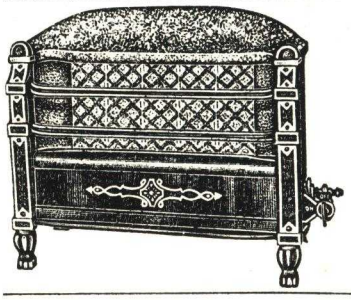
The Patented Burner and Throttling Type Thermostat with dirt trap are features of its construction. The adjustable gas cock supplies the proper amount of gas under any pressure so that heater can be operated at its correct normal burning gas rate.

The Automatic Draft Regulator, which checks down drafts and controls up drafts, is also an important feature.

The door is large so as to make the burner easily accessible and all the other fittings, such as the drain cock, thermostat, etc., are conveniently placed at the front of the heater. In order to make cleaning under the heater easier, it is mounted on legs 9 inches high.

Heaters as priced below are with safety pilot control.

No.	Size	Price
CH20	20 gallon capacity	$34.95
CH30	30 gallon capacity	41.95
CH40	40 gallon capacity	48.95



SUPER-RADIANT HEATERS

An attractive radiant heater in a Satin Brass finish with Two Tone Tinted Clay Bank Wall. Especially designed burners provide high flame temperature, and uniform heat waves.

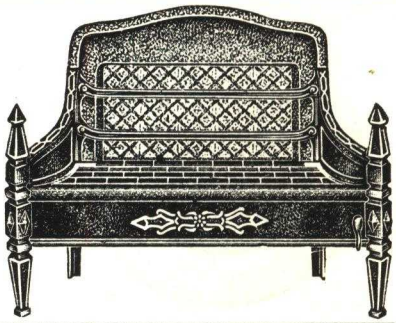
Width over all 24¾ inches, body width, 21¾ inches; depth, 8½ inches; height, 19 inches.

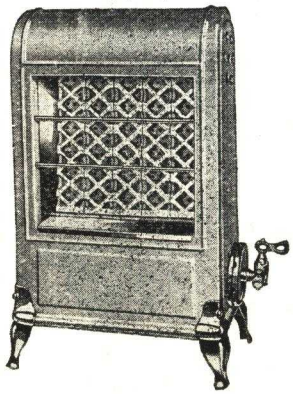
No. CH660N ..... Price, $11.75

SUPER-RADIANT HEATER

Something new in Radiant Gas Heater designs. A beautiful Oval Face Clay Back Wall mounted on cast iron frame. The finish is attractive two-tone brass with a harmonizing finish on the back wall. Scientifically constructed and specially designed burners. Front width 27 inches, back width 19½ inches, depth 8 inches, height 20½ inches.

No. CH630N .... Price, $15.35





SUPER-RADIANT HEATER

Efficient, durable and attractive. Scientifically constructed and especially designed burners—providing high flame temperature and uniform heat. The cost of operation is low, due to the small gas consumption. Width, 10½", depth 5½", height, 16⅝".

No. CH105 ..... Price, $5.75

FAUCET SEAT DRESSER

Used for grinding seats of compression faucets. Repairs a leaky faucet quickly. Fits ⅜, ½, ¾ and 1 inch faucet; all makes and styles.

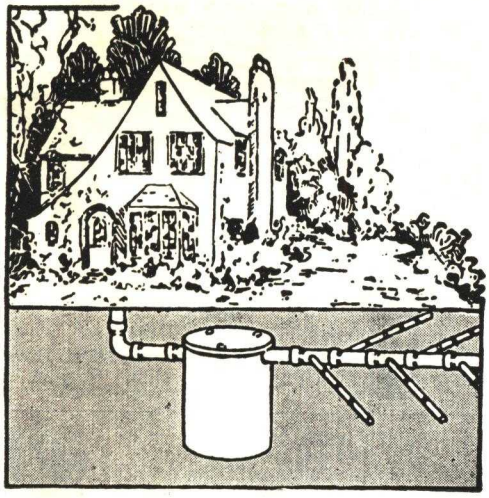
Price $1.35

CUTTING OIL

We carry a high grade cutting oil for plumbers and steamfitters. It will not thicken in cold weather and will save your tools.

Price, per gal. $1.00

Sewage Disposal Septic Tanks



INSTALLATION

To complete the installation of the septic tank sewage disposal system, it is necessary to provide a disposal or absorption bed over which the fluid discharged from the tank is distributed through four-inch porous arm drain tile. This absorption bed should be sufficiently large to provide for twenty-five feet of tile for each person in the household. Practical installation illustrated above. For hotels, factories, etc., this plan can be varied to suit the condition. Our engineering department is at your service regarding any special propositions.

SAFE SEWAGE DISPOSAL

The work of our Septic Tank is to dispose of all raw sewage by bacterial action. Sewage substance, like all organic matter is alive with bacteria of various kinds. There are two kinds of bacteria in all raw sewage which work under different conditions. First, those that are dangerous, requiring air and light to do their work. Second, those that are harmless, requiring no light or air to work. The work of these bacteria in the air-tight steel septic tank, one against the other, breaks down the solids, liquifying the sewage. "The Septic Process" simply stated is a digestion of sewage by which solids are eliminated. The liquified sewage is disposed of by soil filter bed.

CONSTRUCTION

Our Septic Tanks are manufactured in the most popular sizes to meet all practical requirements. They are scientifically designed to meet the sanitation specifications of the various State Boards of Health. They can be installed during summer and winter. Contraction and expansion due to atmospheric conditions do no harm to septic tanks. To install septic tanks no wooden frames are needed and but little excavation.

Only the best copper-iron is used in the simple one-piece construction. Mineral oil preservative makes for durability and rust resistance.

SIZES AND PRICES OF OUR SEPTIC TANKS

Dimensions	Total Capacity	Working Capacity	Number of Persons Designed to Accommodate				Price	Approx. Weight
			Home	Hotel	Factory	School		
38" x 48"	235 Gals.	200 Gals.	7 Persons	8 Persons	12 Persons	15 Persons	$15.00	260 lbs.
46" x 48"	345 Gals.	320 Gals.	11 Persons	12 Persons	18 Persons	25 Persons	19.75	330 lbs.

COPPER TUBING AND FITTINGS

Use Copper Tubing for easy installation. For hot and cold water pipes in new or old buildings. It is rust-proof and non-corrosive; always delivers a full flow of clear water. Because of its pliability, copper tubing is particularly adaptable for interior work. Can be easily bent around corners and obstructions into any desired position. It can be "fished" through walls and between floors and ceilings in many places where it would be impossible to reach with rigid pipe. Requires fewer fittings and saves the time and labor of cutting threads. Only three simple operations are necessary to make a connection.

1. Cut tubing to proper length with a hacksaw, and smooth with a file.
2. Put a drop or two of oil on the flanging tool; slip the sleeve nut of fitting on tube and drive flanging tool into end of the tube with a few light taps of the hammer.
3. Remove flanging tool and screw fitting together, tightening the nut with an ordinary wrench. The result is a permanently tight, leakproof joint.

Copper tubing comes in lengths up to 60 feet. State size and number of feet wanted. Sold only in multiples of 5 feet.

COPPER TUBING
Price per Foot

Size	⅜"	½"	¾"	1"
Price	$.06	$.08	$.12	$.17

CH524
COP. PIPE STRAP

Size	⅜"	½"	¾"	1"
Price	$.005	$.005	$.01	$.02

CH508
COP. TO FEMALE I. P. ELBOW

Size	⅜"	½"	¾"	1"
Price	$.28	$.33	$.44	$.80

CH507
COP. TO COP. ELBOW

Size	⅜"	½"	¾"	1"
Price	$.28	$.33	$.44	$.80

CH509
COP. TO MALE I. P. ELBOW

Size	⅜"	½"	¾"	1"
Price	$.28	$.33	$.44	$.80

CH503
COP. TO FEMALE I. P. COUPLING

Size	⅜"	½"	¾"	1"
Price	$.19	$.25	$.33	$.55

CH502
COP. TO COP. WITH GLAND RING

Size	⅜"	½"	¾"	1"
Price	$.19	$.25	$.33	$.55

CH504
COP. TO MALE I. P. COUPLING

Size	⅜"	½"	¾"	1"
Price	$.19	$.25	$.33	$.55

CH501
COP. TO COP. UNION

Size	⅜"	½"	¾"	1"
Price	$.28	$.33	$.44	$.80

CH508D
DROP EAR ELBOW

Size	⅜"	½"	¾"	1"
Price	$.41	$.50	$.66	$1.21

CH512
COP. TO COP. TO I. P. TEE

Size	⅜"	½"	¾"	1"
Price	$.39	$.47	$.63	$1.13

CH511
COP. TO COP. TO COP. TEE

Size	⅜"	½"	¾"	1"
Price	$.38	$.47	$.63	$1.13

CH525
COP. TO COP. STOP AND WASTE

Size	⅜"	½"	¾"	1"
Price	$.66	$.88	$1.02	$2.04

CH518
FLANGING TOOL

Size	⅜"	½"	¾"	1"
Price	$.28	$.38	$.41	$.55

Pipe and Fittings

CAST IRON FITTINGS FOR HEATING PLANTS

Elbows

½"	¾"	1"
$ .05	$ .06	$ .08

1¼"	1½"	2"	2½"	3"	4"
$ .11	$ .13	$ .20	$ .38	$ .57	$ .90

45° Ells

½"	¾"	1"
$ .06	$ .08	$ .09

1¼"	1½"	2"	2½"	3"	4"
$ .14	$ .18	$ .26	$ .45	$ .70	$1.10

Tees

½"	¾"	1"
$ .07	$ .09	$ .12

1¼"	1½"	2"	2½"	3"	4"
$ .17	$ .21	$ .30	$ .55	$ .83	$1.32

Reducing Tees

½"	¾"	1"
$ .07	$ .09	$ .12

1¼"	1½"	2"	2½"	3"	4"
$ .17	$ .21	$ .30	$ .55	$ .83	$1.32

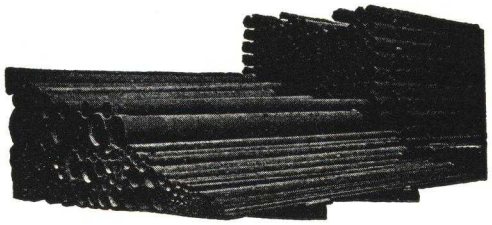
Brass Soldering Nipple

Size	Price
1¼" Male or Female	$ .20
1½" Male or Female	.25

Ferrules

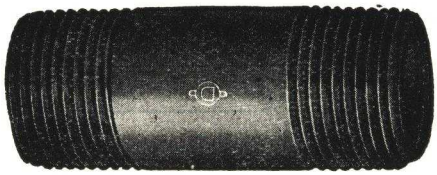
Size	Std.	Ex-Hvy
4 x 4 Brass	$ .50	$ .75
2 x 2 Brass	.40	.60
2 x 1½ Brass	.30	.45
2 x 1¼ Brass	.25	.40
4" Brass Ex. Hy. for Std. Pipe		.55
4" Brass Bungalow Ferrule		.20
4 x 1½ Manhoff Ferrule		.45
2 x 1½ Manhoff Ferrule		.40

STANDARD FULL WEIGHT STEEL PIPE



Random or stock lengths average about 20 feet and are threaded on both ends, and one coupling is attached to each length. Pipe cut to exact length carries an additional charge per foot and also a small labor charge for cutting and threading. Couplings are not furnished with cut pipe. Prices are subject to market changes.

Size	Approx. O. D.	Weight Per Ft.	Price Per Ft. Black	Price Per Ft. Galv.
⅛"	3/8"	¼ lb.	$ .04	$ .05
¼"	½"	½ lb.	.04	.06
⅜"	5/8"	9/16 lb.	.04	.06
½"	13/16"	⅞ lb.	.05	.06½
¾"	1"	1⅛ lbs.	.06	.08
1"	1 3/16"	1⅝ lbs.	.09	.11
1¼"	1 5/8"	2¼ lbs.	.11	.16
1½"	1⅞"	2¾ lbs.	.13	.17
2"	2 3/8"	3⅝ lbs.	.18	.24



NIPPLES

Black—Galvanized

All special lengths, will be charged at prices per foot of iron pipe with cost of cutting threads added. State length wanted.

All of our pipe nipples are made of new standard weight, black or galvanized steel pipe. Stock sized to run from short, which is all threads, up to six inches varying by half inch lengths. In ordering, specify whether black or galvanized, and desired lengths.

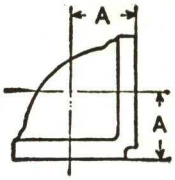
Black

Pipe Size	¼"	⅜"	½"	¾"	1"	1¼"	1½"	2"
Short	$ .02	$ .02	$ .02	$ .03	$ .05	$ .05	$ .08	$ .10
Close	.02	.02	.02	.03	.05	.05	.08	.10
2-inch	.02	.03	.03	.04	.06	.07	.09	.11
3-inch	.02	.03	.03	.04	.08	.09	.10	.11
4-inch	.03	.04	.04	.06	.08	.09	.10	.11
5-inch	.04	.05	.05	.07	.09	.09	.12	.16
6-inch	.05	.06	.07	.08	.10	.12	.14	.16

Galvanized

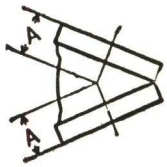
Short	$ .02	$ .02	$ .03	$ .04	$ .05	$ .07	$ .09	$ .12
Close	.02	.02	.03	.04	.05	.07	.09	.12
2-inch	.03	.03	.04	.04	.05	.10	.10	.14
3-inch	.04	.04	.05	.06	.10	.12	.14	.16
4-inch	.04	.04	.06	.07	.11	.14	.16	.18
5-inch	.04	.04	.08	.09	.12	.16	.18	.20
6-inch	.04	.04	.09	.10	.12	.18	.20	.22

CAST IRON DRAINAGE FITTINGS



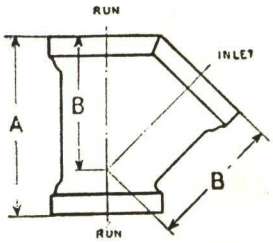
90° Drainage Ells

1¼"	1½"	2"
$ .15	$ .20	$ .30



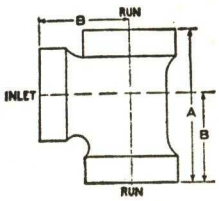
45° Drainage Ells

1¼"	1½"	2"
$ .15	$ .20	$ .30



Drainage Y

1¼"	1½"	2"
$ .27	$ .35	$ .50



Sanitary Tee

1¼"	1½"	2"
$ .24	$ .30	$ .35

Slip Joint Nuts

Size	Price
1¼ x 1¼	$ .10
1½ x 1½	$ .15
1½ x 1¼	$ .15
1½ x 1⅜	.15

Desanco Connections

Size	Price
1¼ x 1¼	$ .50
1½ x 1½	.50
1½ x 1¼	.50
1½ x 1⅜	.50

Cutting and Threading Pipe

⅛-¾"	1"	1¼"	1½"	2"	2½"	3"	4"
$.10	$.10	$.15	$.15	$.20	$.30	$.50	$.60

Pipe Straps

½ to 2" ..... per lb. $ .08

BRASS PIPE AND FITTINGS

Size	⅜"	½"	¾"
Pipe	$ .17	$ .20	$ .25
Ells 90 degrees	.08	.10	.13
Ells 45 degrees	.08	.10	.13
Street Ells	.12	.16	.22
Street Ells 45 degrees	.12	.16	.22
Unions	.25	.35	.45
Tees	.12	.14	.20
Couplings	.06	.08	.12
Caps	.06	.08	.12
Bushings	..	.06	.08
Plugs	.04	.06	.08
Short Nipples	.05	.06	.08
Long Nipples	.10	.12	.15

FLANGE UNIONS

1½"	2"	2½"	3"	4"
$ .60	$ .75	$ .95	$1.10	$1.50

When You Are Comparing Prices Remember—We Deliver to Your Door

Standard Pipe Fittings

TEE

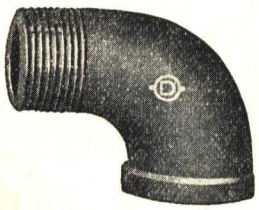
CROSS

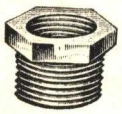
90° ELBOW

45° ELBOW

REDUCING ELBOW

STREET ELBOW





REDUCING BUSHING

BLACK MALLEABLE FITTINGS

Price Each

Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Elbow—90° Straight	$.04	$.04	$.05	$.06	$.08	$.11	$.16	$.20	$.32
Elbow—90° Reducing	.04	.04	.05	.06	.08	.11	.16	.20	.32
Elbow—45°	.05	.05	.06	.08	.10	.13	.20	.25	.40
Elbow—90° Street	.05	.05	.06	.07	.09	.12	.19	.24	.36
Elbow—45° Street	.06	.06	.07	.08	.11	.15	.22	.28	.44
Elbow—Side Outlet	....	....	.10	.11	.16	.20	.32	.40	.64
Tee—Straight	.06	.06	.07	.08	.11	.13	.21	.27	.40
Tee—Reducing	....	.06	.07	.08	.12	.15	.24	.28	.44
Tee—Side Outlet	....	....	....	....	....	....	....	....	....
Cross—Straight	.07	.07	.09	.11	.15	.19	.29	.35	.56
Cross—Reducing	....	....	....	....	....	....	....	....	....
Y	....	....	.08	.11	.15	.20	.32	.44	.65
Return Bend—O. P.	....	....	....	....	.17	.24	.34	.48	.80
Return Bend—C. P.	....	....	....	....	....	....	....	....	....
Union—Common	.12	.12	.14	.15	.18	.23	.32	.40	.52
Union—Ground Joint	.11	.11	.15	.18	.21	.28	.43	.57	.72
Coupling—Straight	.04	.04	.04	.05	.07	.10	.13	.16	.27
Extension Piece	....	....	.04	.05	.09	.13	.15	.18	.26
Coupling—Reducing	.04	.04	.04	.05	.07	.10	.13	.16	.27
Bushing—Reducing	....	.04	.04	.04	.05	.05	.06	.08	.10
Cap	....	.04	.04	.05	.08	.09	.12	.15	.22
Plug	.02	.02	.02	.02	.03	.04	.05	.07	.10
Locknut	.02	.02	.02	.03	.04	.06	.08	.08	.10
Floor Flange	....	....	.09	.12	.12	.13	.13	.20	.30

GALVANIZED MALLEABLE FITTINGS

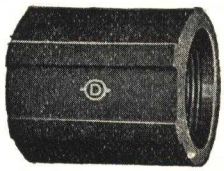
Price Each

Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Elbow—90° Straight	$.05	$.05	$.06	$.07	$.09	$.12	$.20	$.25	$.40
Elbow—90° Reducing	.05	.05	.06	.07	.09	.12	.20	.25	.40
Elbow—45°	.06	.06	.07	.09	.12	.16	.22	.28	.45
Elbow—90° Street	.07	.07	.07	.08	.11	.15	.22	.28	.45
Elbow—45° Street	.07	.07	.07	.09	.12	.16	.23	.30	.48
Elbow—Side Outlet	....	....	.12	.13	.20	.26	.40	.50	.80
Tee—Straight	.06	.07	.08	.10	.13	.16	.26	.30	.48
Tee—Reducing	.06	.07	.08	.10	.13	.16	.25	.30	.48
Cross—Straight	.09	.09	.10	.12	.18	.24	.36	.44	.70
Y	....	....	.10	.12	.18	.24	.36	.44	.70
Union—Common	.19	.19	.21	.23	.28	.35	.50	.63	.80
Union—Ground Joint	.15	.15	.20	.24	.28	.39	.57	.76	.96
Coupling—Straight	.04	.04	.05	.05	.07	.10	.13	.18	.25
Coupling—Reducing	....	.05	.06	.07	.11	.16	.19	.24	.34
Bushing—Reducing	....	.05	.06	.06	.08	.09	.11	.14	.20
Cap	.03	.03	.04	.06	.08	.09	.12	.18	.24
Locknut	.02	.03	.03	.04	.05	.07	.09	.12	.15
Floor Flange	....	....	.15	.24	.24	.25	.25	.35	.60

SIDE OUTLET ELBOW

REDUCING COUPLING

COUPLING



UNION

RETURN BEND

Y

FLOOR FLANGE

LOCKNUT

CAP

PLUG

Plumbers Tools

STUB CAULKING IRON

5/8 x 5 ..... $ .60

CAPE CHISEL

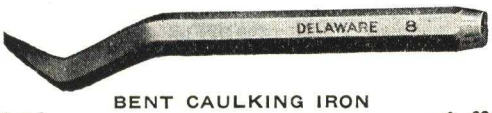
1/2 x 7 ..... $ .60

COLD CHISELS

1/2 x 5 1/2	$ .35
3/4 x 7 1/2	.50
7/8 x 8	.70
1 x 8	.90

PICKING CHISEL

5/8 x 7 1/2 ..... $ .60

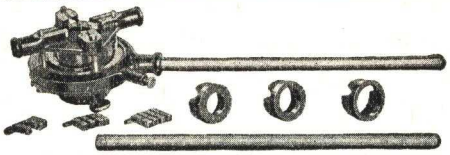


BENT CAULKING IRON

5/8 x 6 ..... $ .60

SHORT CAULKING IRON

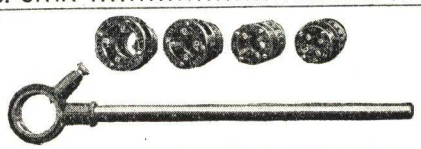
5/8 x 7 3/4 ..... $ .60



TOLEDO ADJUSTABLE RATCHET THREADER

The ratchet on this threader makes it easy to thread pipe in restrictive places. It may be used with two handles as an ordinary die stock when desired. It is by all means the easiest operating 1" to 2" pipe threader. The complete tool includes the tool body, two handles, complete set of 1 to 2 inch right hand dies, and bushings and instruction card.

No. CH1A ..... Price $12.00



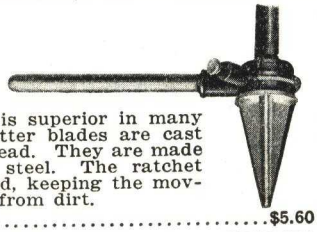
TOLEDO RATCHET THREADER

1/2 to 1 1/4 Inches

This tool is very compact and reaches the most difficult corner job. The die heads are instantly changed by pulling the ratchet pawl knob. The die segments can be removed when dull and be easily reground or replaced. The complete tool consists of four die heads complete with right hand dies.

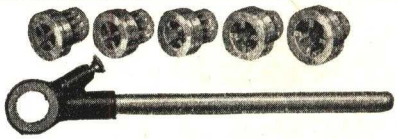
No. CH11 ..... Price $12.00

TOLEDO RATCHET PIPE REAMER



This reamer is superior in many ways. The cutter blades are cast solidly in the head. They are made of high speed steel. The ratchet head is enclosed, keeping the moving parts free from dirt.

Price $5.60



TOLEDO RATCHET REAMER

1/8" to 3/4"

For threading small pipe. It is the lightest and most compact ratchet threader on the market. Cuts standard threads of full taper. Die heads can be changed by simply pulling the ratchet pawl knob and allowing one head to drop out and another in. Dies can be removed and reground. The complete tool consists of five die heads complete with right hand dies.

No. CH00 ..... Price $12.35

TOLEDO 3 WAY PIPE THREADER

The lightest, the smallest, and easiest to operate of all tools of this character. The tool bodies are about the size of a baseball, each die head being on center and the handles projecting from either side, thus producing a perfectly balanced tool. The die segments are removable. Brass pipe is threaded perfectly with this threader.

No.	Size	Price
CH30	3/8 x 1/2 x 3/4"	$6.00
CH31	1/2 x 3/4 x 1"	6.75

BEAVER PIPE CUTTER

These cutters are made of malleable iron with tool steel cutting wheels. The wheels cut a groove in the pipe and the two rollers smooth the edges so that the dies take hold readily when threading the pipe.

Price $3.25

STAR DRILLS

Size	Price
3/8 x 12	$ .50
1/2 x 12	.50
5/8 x 12	.50
3/4 x 12	.60
7/8 x 12	.75
1 x 12	.75

FLOOR CHISEL

Size	Price
5/8 x 10 (2" blade)	$ .90

OFFSET CAULKING IRON

Size	Price
5/8 x 11	$ .75

Right or Left Hand

REGULAR CAULKING IRON

Size	Price
5/8 x 8 3/4	$ .60

PLUMBERS' GASOLINE BLAST FURNACES

Used for melting lead and solder. By removing the top, may be used as a torch for thawing water pipes. Best constructed furnace on the market. Capacity of reservoir, one gallon.

No.	Size	Price
CH43	3/4 gal.	$7.25
CH40	1 gal.	9.00

PLUMBERS' TORCH

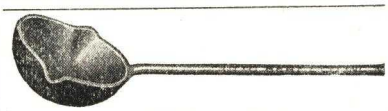
Made of high grade polished brass. Used for soldering, burning off old paint, thawing frozen water pipes, etc. Holds one quart of gasoline.

No.	Size	Price
CH87	1 quart	$3.35

ALCOHOL TORCH

Self Blowing

No.	Price
CH30	$2.00



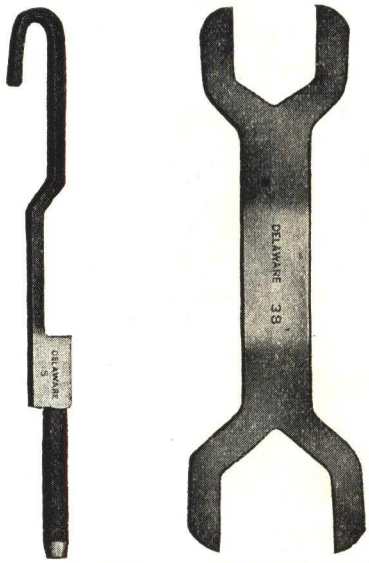
POURING LADLE

Made of malleable iron for pouring lead and solder.

Size	Price
3"	$ .50

PIPE JAW MASTER WRENCH

Size	Price
8"	$1 20
10"	1.50



CEILING CAULKING IRON

Size	Price
14"	$ .95

CLOSET SPUD WRENCH

Size	Price
1 1/4 x 2	$1.15

MELTING POTS

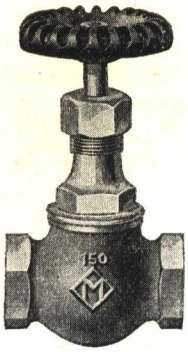
Made of cast iron for melting lead and solder. Used in connection with plumber's furnace.

Size	Price
5"	$ .40

SMOOTH JAW MASTER WRENCH

Size	Price
8"	$1.20
10"	1.50

Valves and Specialties

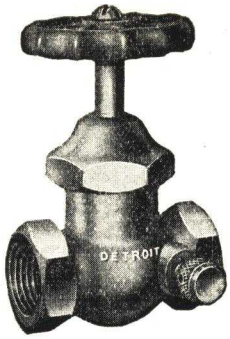


STANDARD GLOBE VALVE

½″	¾″	1″	1¼″	1½″	2″
$ .50	$ .60	$ .85	$1.20	$1.75	$2.50

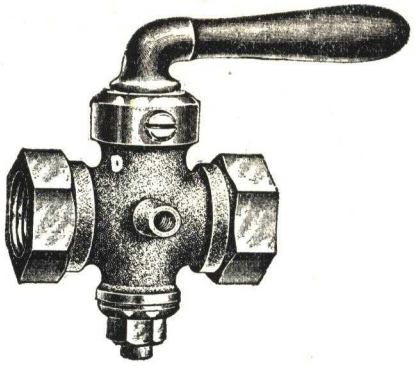
ANGLE GLOBE VALVE

½″	¾″	1″	1¼″	1½″	2″
$ .50	$ .60	$ .85	$1.20	$1.75	$2.50



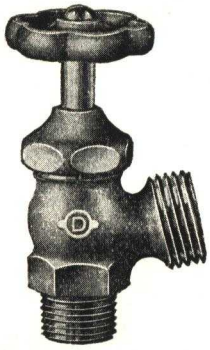
STOP AND WASTE VALVE

½″	¾″
$ .40	$ .50



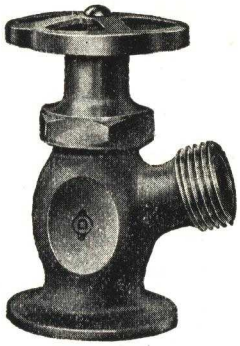
LEVER HANDLE STOP AND WASTE VALVE

½″	¾″
$ .40	$ .50



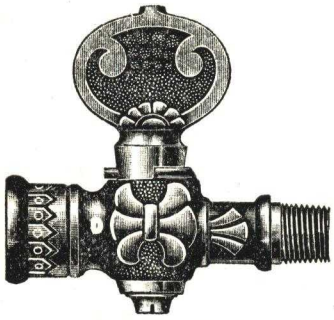
BOILER DRAIN COCK

½″	¾″
$ .30	$ .45



LAWN FAUCETT

½″	¾″
$ .50	$ .60

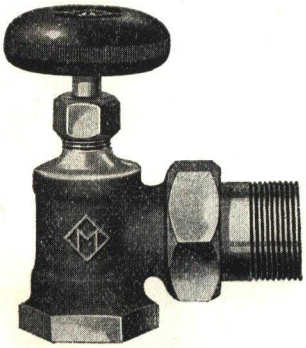


GAS VALVE

½ or ⅜″ .....$ .25

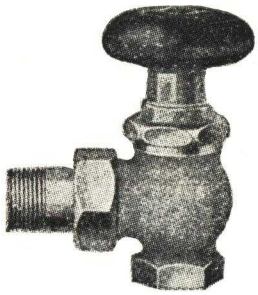
GAS VALVE WITH HOSE END

½ or ⅜″ .....$ .25



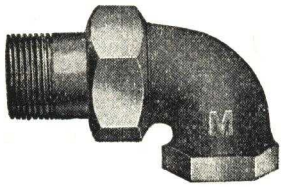
HOT WATER RADIATOR VALVE

½″	¾″	1″	1¼″	1½″
$ .70	$ .75	$ .95	$1.20	$1.50



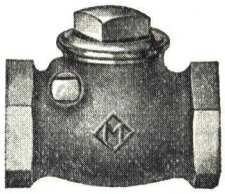
STEAM RADIATOR VALVE

½″	¾″	1″	1¼″	1½″
$ .85	$1.00	$1.25	$1.65	$1.75



HOT WATER RADIATOR ELBOW

½″	¾″	1″	1¼″	1½″
$ .45	$ .50	$ .60	$ .80	$1.00

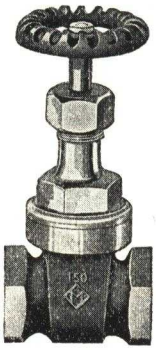


SWING CHECK VALVE

½″	¾″	1″	1¼″	1½″
$ .90	$1.10	$1.15	$1.60	$2.05

VERTICAL CHECK VALVE

½″	¾″	1″	1¼″	1½″
$ .65	$ .90	$1.30	$1.80	$2.20



STANDARD GATE VALVE

½″	¾″	1″	1¼″	1½″	2″
$ .65	$ .80	$1.00	$1.50	$2.00	$2.85

IMPROVED JOINT RUNNER

Always needed for pouring lead into horizontal joints of soil pipe. Fits close to soil pipe hub, preventing lead from leaking out.

Price $1.10

PIPE WRENCHES

Size	Price
10″	$ .55
14″	.70
18″	1.00
24″	1.60
36″	2.75
48″	4.75

DRAIN PIPE SOLVENT

Is used to dissolve grease and filth in waste pipes, drains, etc. Quickly cleans out pipe stoppage. Should be used quite frequently. One pound can.

Price .....$ .65

BOILER COMPOUND

For clearing hot water, vapor and vacuum heating plants. Five pound cans.

Price $1.75

PIPE VICE

Made of malleable iron with steel jaws. Has side latch and hinge, allowing frame to be opened quickly for removing pipe. Extra heavy type holds pipe ⅛ to 2½ inches.

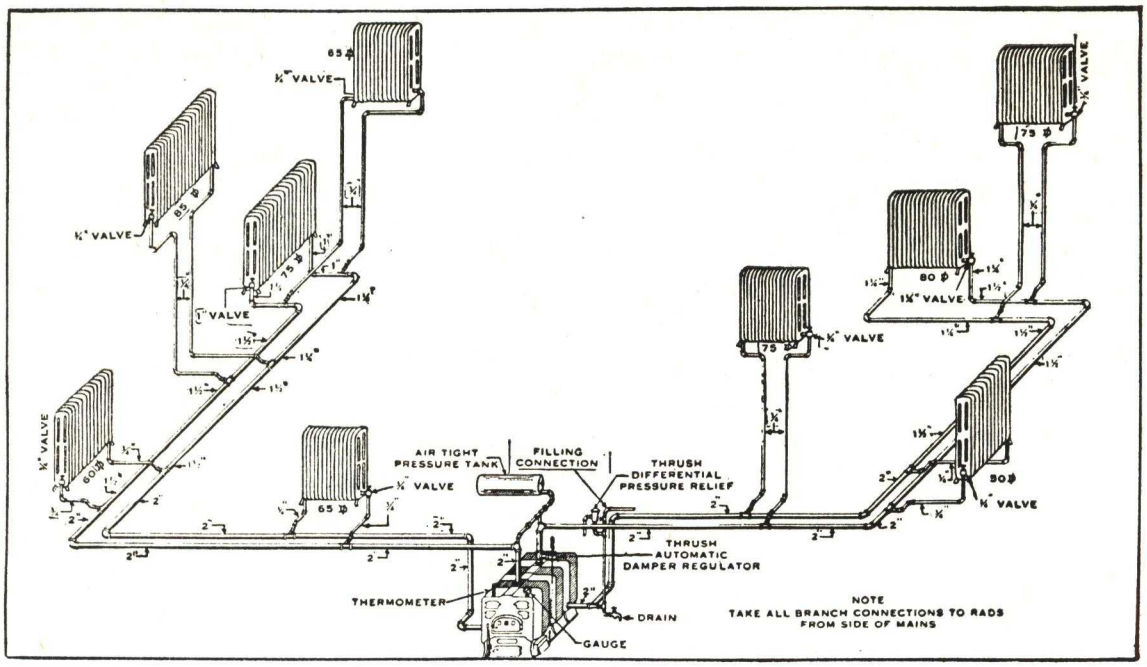
Price $2.95

PLUMBERS' PUTTY

Used to set closet bowls and for making connection on enameled fixtures. Can also be used for other putty purposes.

One Pound Can .....$ .10

Hot Water Heating Systems



6 ROOM PLANT

$224.51

CASH DELIVERED

8 ROOM PLANT

AS ILLUSTRATED

$352.00

CASH DELIVERED

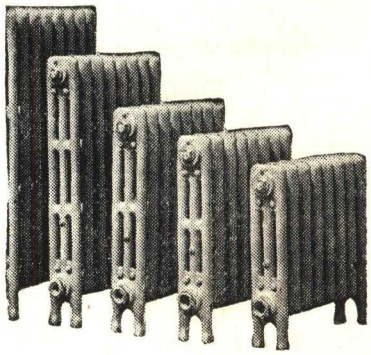
The illustration above shows a hot water heating system for an eight room house. In order for a home to be properly heated, it is necessary that one does not skimp on the amount of radiation he uses, nor on the size of boiler he uses. In heating your home it is much cheaper to buy an outfit that is large enough, than it is to change a smaller heating plant after it is in. You will notice that we have priced a six room heating plant as well as an eight room heating plant. Listed on this page are the materials required for both an eight room and a six room plant. When you are comparing prices of complete heating plants, compare our list of materials used, with any other list, and then decide who has the better bargain. Just because someone offers an attractive price on a complete hot water heating plant does not mean that it will heat your home properly. See what size boiler they are using and the amount of radiation. Remember that there are very few six room houses that can be heated with less than 350 feet of radiation, when using a hot-water system.

LIST OF MATERIAL FOR SIX ROOMS HOT WATER HEATING PLANT

1—No. 715 Square Jacketed Boiler, 364 feet cast iron radiation.
4—¾" H. W. Radiator Valves
2—1" H. W. Radiator Valves
4—¾" H. W. Radiator Union Ells
2—1" H. W. Radiator Union Ells
1—Automatic Dual Control Unit
32 feet 2" Black Steel Pipe
33 feet 1½" Black Steel Pipe
16 feet 1¼" Black Steel Pipe
52 feet 1" Black Steel Pipe
16 feet ¾" Black Steel Pipe
4—2½ x 2" Cast Iron Bushings
7—2" Cast Iron Ells
4—2 x 1½ x ¾" Cast Iron Tees
2—1½ x 1¼" Cast Iron Ells
1—1¼ x 1 x ¾" Cast Iron Ell
6—1" Cast Iron Ells
4—1 x ¾" Cast Iron Ells
1—2 x 2 x ½" Cast Iron Tee
3—1½ x 1 x ¾" Cast Iron Tees
2—1½" Cast Iron Ells
8—1" Cast Iron 45 degree Ells
16—¾" Cast Iron 45 degree Ells
8—¾" Cast Iron Ells
4—2" Black Unions
8—2" Black Nipples
6—1" Black Nipples
12—¾" Black Nipples
10 feet ½" Galvanized Pipe
1—½" Gate Valve
2—½" Galvanized Ells
32 feet 2" Air Cell Pipe Covering
33 feet 1½" Air Cell Pipe Covering
16 feet 1¼" Air Cell Pipe Covering
52 feet 1" Air Cell Pipe Covering
25 pounds Asbestos Cement
8—¾" N. P. Floor and Ceiling Plates
4—1" N. P. Floor and Ceiling Plates
6—Key Air Valves
12 yards No. 9 Jack Chain

LIST OF MATERIALS FOR EIGHT ROOMS HOT WATER HEATING PLANT

1—No. 717 Boiler
630 feet Cast Iron Radiation
1—1¼" H. W. Radiator Valve
1—1" H. W. Radiator Valve
7—¾" H. W. Radiator Valves
1—1¼" H. W. Union Radiator Elbow
1—1" H. W. Union Radiator Elbow
7—¾" H. W. Union Radiator Elbows
1—Thrust Differential Pressure Relief Valve
1—No. 1 Expansion Tank
9—Key Air Valves
1—½" Boiler Drain
12 yards No. 9 Jack Chain
1 pound Pipe Joint Cement
4—2½ x 2" Bushings
3—2 x ½ x 2" Tees
4—2 x ¾" Tees
26—¾" 45 degree Ells
25—¾" Cast Iron Ells
8—2" Cast Iron Ells
3—1½" Cast Iron Ells
2—1½ x ¾" Cast Iron Tees
5—2 x 1½ x ¾" Tees
3—1½ x 1¼ x ¾" Tees
2—1¼" Cast Iron Tees
4—½" Galv. Tees
1—½" Galv. St. Ell
3—½" Galv. Ells
2—2" Black Unions
1—2 x ½ x 2" Tee
1—½" Galv. Union
1—½" Male Air Cock
2—1¼ x 1" Cast Iron Ells
2—1" Cast Iron Ells
1—1¼ x 1 x ¾" Cast Iron Tee
1—2 x ¾" Cast Iron Ell
12—2" Black Steel Nipples
24—¾" Black Steel Nipples
6—½" Black Steel Nipples
61 feet 2" Black Steel Pipe
65 feet 1½" Black Steel Pipe
20 feet 1¼" Black Steel Pipe
10 feet 1" Black Steel Pipe
80 feet ¾" Black Steel Pipe
61 feet 2" Air Cell Pipe Covering
65 feet 1½" Air Cell Covering
20 feet 1¼" Air Cell Covering
10 feet 1" Air Cell Covering
80 feet ¾" Air Cell Covering
1—1¼" N. P. Floor and Ceiling Plate
1—1" N. P. Floor and Ceiling Plate
7—¾" N. P. Floor and Ceiling Plates
25 pounds Asbestos Cement
2—Lengths of 8" Smoke Pipe
1—8" Elbow
1—8" Cast Iron Damper

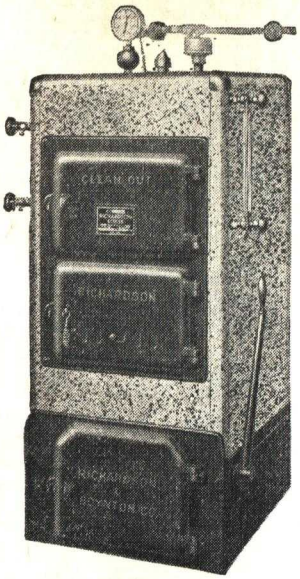


Prices Are Continually Changing—Write Us for Current Prices

Boilers and Radiation

THE BLUE COMET

When heating requirements demand a sectional boiler of small or medium size at a price within the reach of everyone, this is the logical boiler to buy. This Richardson & Boynton boiler has been designed by skilled engineers in accordance with the most approved and scientific heating principles. By reason of the care with which this design has been carried out, there develops the maximum amount of heat from the fuel. Its economy of operation and quick response to firing operations insure comfort at all times and appeals to owners whose fuel bills are a matter of interest. In the feed door of this remarkable boiler is an air intake device. This is of special interest, since, by its use, a more complete combustion of fuel can be had, thus adding to the economy of operation.



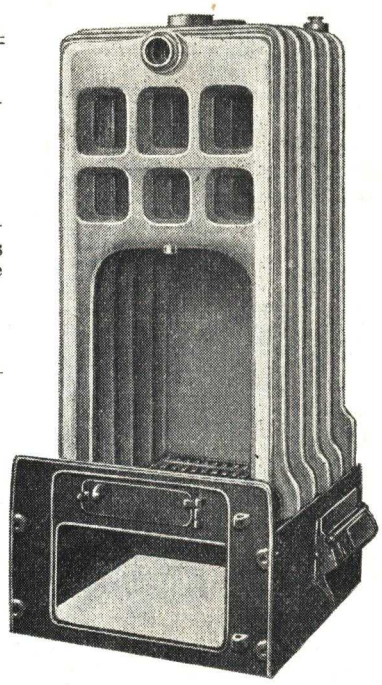
Both steam and hot water Blue Comet Boilers are completely equipped with attractive accessories for easy operation and regulation. The grates are designed for all sizes of coal, even the small sizes of anthracite. In fact, the same high efficiency and economy of operation can be had from the Blue Comet regardless of the type of fuel used. On this point alone there is a distinct advantage in the use of this boiler. All parts of the boiler are carefully fitted, thus insuring minimum time of installation and protection against failure of satisfactory operation when first installed. In addition, great care is taken to protect the user from the annoyance and delay caused by defective parts. Blue Comet Boilers come ready to be installed and to give immediate lasting and highly efficient service. Appearance is another highly important matter with the Blue Comet. The boiler comes cased in a beautifully designed jacket of lustrous blue and will blend in a pleasing manner with most any basement decorative scheme. Each case is thoroughly insulated with air cell asbestos linings, making the boiler more efficient by saving the heat that is ordinarily lost by not having your boiler cased. The insulated jacket also keeps the air from getting too warm, where basements are used for living rooms or preserve pantries, etc.

SPECIFICATIONS

Boiler Number	Water Rating	Steam Rating	Grate Area	Outlets No. & Size	Inlets No. & Size	Chimney Size	Chimney Height
715	950	575	1.95	2 - 2½"	2 - 2½"	8 x 8	30'
716	1250	750	2.45	2 - 2½"	2 - 2½"	8 x 8	30'
717	1550	925	2.91	2 - 2½"	2 - 2½"	8 x 12	35'
718	1850	1100	3.51	3 - 2½"	2 - 2½"	8 x 12	35'
719	2150	1275	3.96	3 - 2½"	2 - 2½"	8 x 12	35'

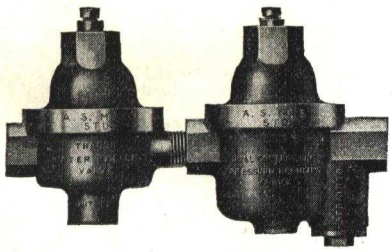
Our heating engineers will gladly assist you in selecting a heating plant for your particular needs and will estimate the cost for you. We carry a very complete line of boilers and are able to quote you on round boilers, square cased, and large sectional boilers.

Prices on Application



SECTIONAL VIEW OF BOILERS

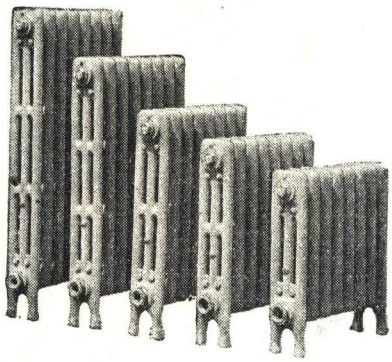
This illustration shows in detail features of our sectional boilers; the ample fire and combustion chamber with a low over-hanging active fire surface. The carefully designed water ways conducive to the rapid circulation of the water; the large flue spaces suitable for burning any quantity of fuel; and the tappings for indirect water heaters. Connection between sections are made with extra heavy, cast iron push nipples, making the boiler absolutely tight.



THRUSH DUAL CONTROL

This is the finest equipment ever devised for a hot water heating plant. The ultimate achievement in automatic control for hot water systems. It not only provides automatic damper temperature regulation; it not only makes a closed system operating under increased pressure out of any gravity job, with safe automatic pressure relief; but it also provides automatic filling. The Thrush Pressure reducing valve combines the piston filling with water at all times. Very simple to install on new and old jobs; economical and efficient when in service; makes an easy and efficient installation. Permits use of smaller pipes; eliminates expansion tank; speeds up circulation; costs less.

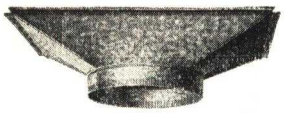
Price $11.50



RADIATION

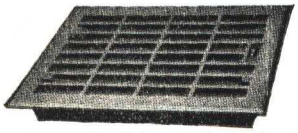
Made from high quality materials, properly constructed, graceful and designed to blend harmoniously with any scheme of architecture or interior decoration. Thoroughly tested and guaranteed to be free from all imperfections. Furnished in any number of sections and in any standard height, length or width. Priced on the lowest market.

Fittings—Heating Specialties



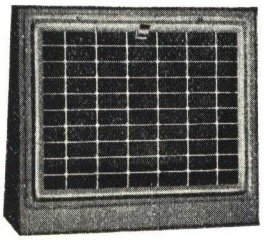
Galv. Ceiling Plate or Transition Head

Collar Size			
14"	$ .90	18"	$1.00
16"	.95	20"	1.10



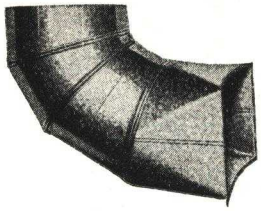
Steel Floor Register (Black Japan)

8 x 10"	$1.15	9 x 12"	$1.50
10 x 12"	1.70	12 x 14"	3.05



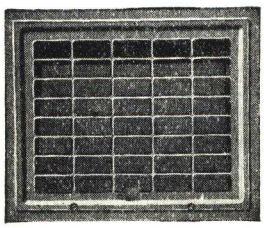
Steel Base Board Register (Black Japan)

8 x 10"	$1.40	10 x 12"	$2.80
9 x 12"	2.10	12 x 14"	4.55



Return Air Boot

14"	$2.25	18"	$2.85
16"	2.45	20"	3.25



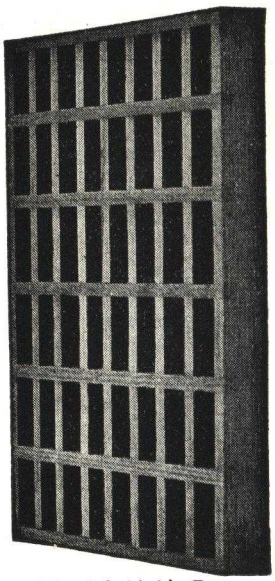
Steel Reversible Side Wall Register (Black Japan)

8 x 10"	$1.15	9 x 12"	$1.50
10 x 12"	1.70	12 x 14"	3.05

Floor and Ceiling Ventilator

Designed to admit to upper floor surplus heat from first floor. Adjustable from 4" to 11" in depth.

8 x 10"	$3.10
10 x 12"	4.50



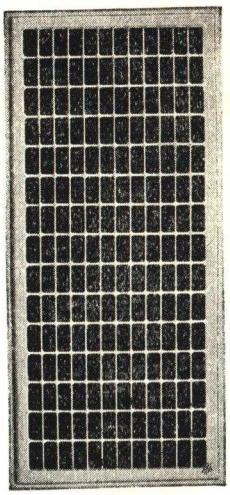
Wood Cold Air Face

8 x 30"	$1.20	14 x 30"	$2.05
10 x 24"	1.40	16 x 30"	2.35
10 x 30"	1.50	18 x 30"	2.65
12 x 24"	1.40	24 x 30"	3.50
12 x 30"	1.75		

Asbestos Cement

Used for covering boilers, smoke pipe, range boilers, etc., to prevent heat loss. It is made of asbestos and cement and is mixed like plaster and applied about 1½ inches thick.

Price, per 100 lbs. $1.95



All Steel Cold Air Faces (Oak Finish)

8 x 30"	$2.65	14 x 30"	$3.50
10 x 24"	2.65	16 x 30"	4.20
10 x 30"	3.00	18 x 30"	4.55
12 x 24"	2.80	24 x 30"	7.00
12 x 30"	3.15		

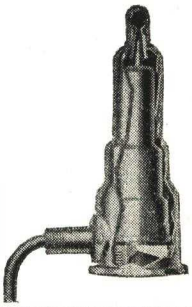
Universal Taco Heaters

Number	Size	Price
CH6-9-30	30 Gal.	$4.00
CH6-9-60	60 Gal.	6.00

Automatic Air Valves

These valves are designed to meet perfectly the exacting demand of properly venting low pressure heating apparatus. Made of the highest grade materials rigidly tested and inspected. Highly plated and polished. The base is a one piece brass forging providing for strength where strain is greatest. The float is thermostatically controlled, expanding and closing against steam.

No. CH1 ..... $1.05



Syphon Air Valve

This air valve is used in connection with our CH4 Quick Vent Air Valve, the former being placed on the radiator and the latter on the main. These valves automatically and rapidly vent the air from the radiator because of their large air port chambers and large float diaphragms. When all the air has been vented and steam or water has taken its place, the valves automatically close. Tapped ⅛ inches.

No. CH2 ..... $2.50

Quick Vent Air Valve

This valve is used on the end of the main, with our No. CH2 Syphon Air Valve. These valves have shells of hard drawn extra heavy sheet brass, and caps of solid brass rod which will not dent. They positively separate air and condensate. Their use insures rapid and complete discharge of air from the steam system radiators as soon as the pressure is developed. Tapped ¼ inches.

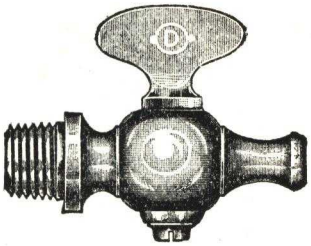
No. CH4 ..... $3.50

Tee Handle Air Valves

Made of brass.

Male thread only.

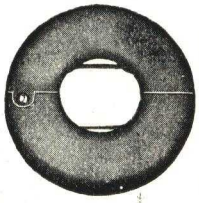
¼"	⅜"	½"
$.20	$.25	$.30



Floor and Ceiling Plates

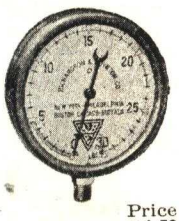
These plates have full standard one inch flanges. They are made of heavy gauge metal and plated with nickel; will not dent. All plates are finished with tempered springs.

Size	Price	Size	Price
⅜"	$ .07	1½"	$ .09
½"	.07	2"	.11
¾"	.07	2½"	.16
1"	.08	3"	.20
1¼"	.09	4"	.30



Steam Gauges

This gauge is carefully made and accurately calibrated. It has baked blue finish case and non-glare dial with large legible graduations. The gauge runs on the Bourdon tube principle and has a syphon to clear the tube of condensations. It registers in pounds—0 to 30 lb. limit.



Size	Pressure	Price
3½"	30 lbs.	$1.50
4½"	30 lbs.	1.80

Fire Pot Generator

This heater is located above the fire, using the heat from it. There are three connection openings in it, two at the back and one on the bottom which enables any combination of piping necessary to be made. The unused opening is plugged. Made in 30 and 40 gallon sizes.

30-gallon	$1.75
40-gallon	2.75

Ther-Alti-Meters

This instrument indicates height of water and temperature of water on the same dial, one instrument instead of two. The temperature is indicated by a hand on a wide scale marked in degrees Fahrenheit, operated by the expansion of special thermostatic metal, and the temperature is shown accurately at any degree. This gauge contains spring. The instrument is carefully made and tested before leaving the factory. Does not have valve.

Size 3½" $3.00

Key Air Valves

These valves are made of best quality steamed brass heavily nickel plated both inside and out. They have hexagon bodies and the valves are of the needle type. May be opened with a key, coin or screw driver. Size ⅛".

Price ..... $ .15

Pipe Joint Cement

Used on threads to make pipe joint tight. Prevents rusting. Comes in 1 lb. cans.

Price, each ..... $ .25

Radiator Bronze and Aluminum Paint

Our gold and aluminum bronzing powders are very carefully ground and our liquids are the ideal vehicles for the flotation of the powders.

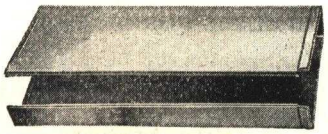
	Gallon	Quart	Pint	½ Pt.
Price	$2.85	$ .85	$ .40	$ .20

Hot Water Thermometer

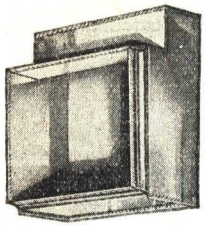
These thermometers are accurate temperature recorders. Each individually calibrated in the factory before shipment. The bulb rests in a mercury bath which makes a perfect metallic contact between the bulb and socket. ½" straight shank.

Price, each ..... $ .75

Furnace Fittings



SINGLE TIN WALL PIPE
Price Per 2 Foot Length
3½ x 10....$ .40 3½ x 12....$ .45



SECOND FLOOR WALL PIPE HEAD
3½ x 10....$ .40 3½ x 12....$ .45

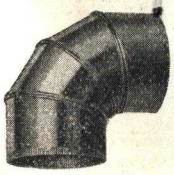
STOVE PIPE REDUCER
Price, each.....$ .30

BLACK STOVEPIPE ELLS

Size	Cor.	Adj.
3"	$ .16	$ .25
4"	.17	.26
5"	.19	.27
6"	.20	.30
7"	.24	.32

SHEET METAL SCREWS
Price, per box.....$ .25

TIN ELBOWS



8".....$ .25
9"..... .30
10"..... .35
12"..... .45

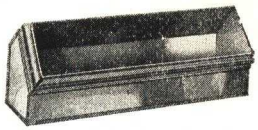
CASING COLLAR

7"....$.20	10"....$.25	16"....$.50
8".... .20	12".... .30	18".... .60
9".... .25	14".... .35	20".... .85

ASBESTOS FURNACE CEMENT

Consists of pure mineral asbestos fibres, ground, pulverized, and compounded with other fire-proof material. This cement is soft and easily worked between the joints of boilers and furnaces and when dry, becomes as hard as the iron on which it is used.

Price, per lb.....$ .12

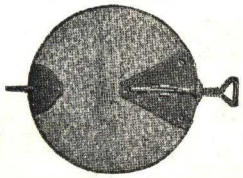


SINGLE TIN WALL PIPE ANGLE
3½ x 10....$ .25 3½ x 12....$ .30

FURNACE CHAIN
Price, per foot.....$ .03

DRY FLOUR PASTE
(2-lb. bags)
Price, each.....$ .30

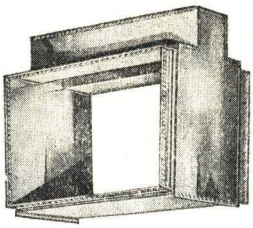
WARM AIR DAMPERS



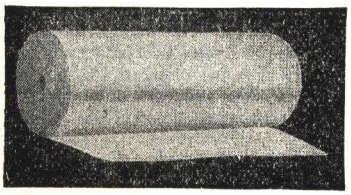
8"....$.15
9".... .20
10".... .25
12".... .30

GALVANIZED DRAW BAND

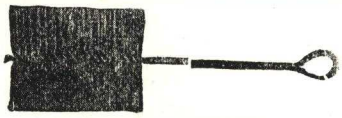
6".....$ .15	12".....$ .30
7"..... .20	14"..... .35
8"..... .25	16"..... .40
9"..... .25	18"..... .45
10"..... .30	20"..... .55



SINGLE TIN TWO WAY STACK HEAD
3½ x 10....$ .40 3½ x 12....$ .30

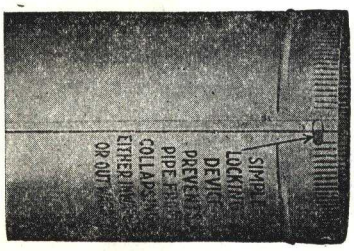


ASBESTOS PAPER
Price, per lb.....$ .12



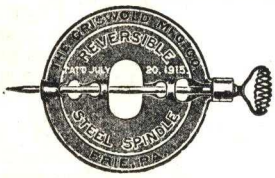
FURNACE BRUSH
Price, each.....$ .75

FLUE STOP
Price, each.....$ .15



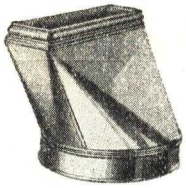
GALVANIZED FURNACE PIPE
(Per 2 foot length)

3"....$.24	7"....$.34	14"....$.64
4".... .26	8".... .36	16".... .75
5".... .28	9".... .40	18".... .90
6".... .30	10".... .45	20"....1.00
	12".... .60	



CAST IRON DAMPERS

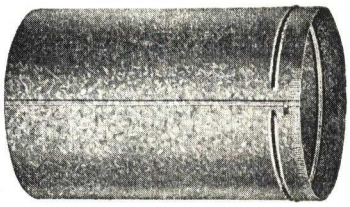
3"....$ .15	5"....$ .15	8"....$ .35
4".... .15	6".... .15	9".... .50
	7".... .20	



UNIVERSAL BOOT
3½ x 10....$ .40 3½ x 12....$ .45

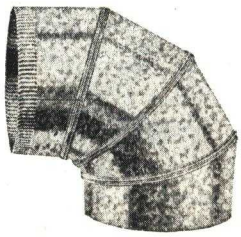
BLACK ENAMEL STOVE PIPE

3" per 2-foot length.....	$ .16
4" per 2-foot length.....	.17
5" per 2-foot length.....	.19
6" per 2-foot length.....	.20
7" per 2-foot length.....	.24



TIN WARM AIR PIPE

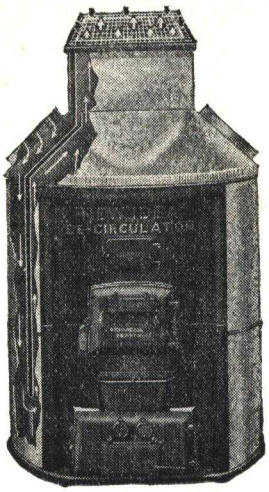
8" per 2-foot length.....	$ .32
9" per 2-foot length.....	.35
10" per 2-foot length.....	.40
12" per 2-foot length.....	.50



GALVANIZED ELBOWS

3"....$ .24	6"....$ .30	9"....$ .50
4".... .26	7".... .38	10".... .55
5".... .28	8".... .40	

Furnaces—Stoves



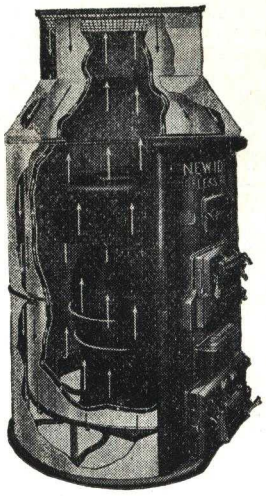
RECIRCULATOR PIPELESS FURNACE

This heater takes its cold air supply from three separate sources—equalizing circulation and preventing drafts across the floor. Positive results are secured because of a continuous flow of air over the casting. The warm air and cold air chambers are completely isolated by a one inch air space. They are of cast iron construction throughout and are regularly furnished with seamless one-piece cast radiators. Built to give maximum efficiency and extreme durability. The feed section is one piece casting and extends through the panel front with feed door hung directly thereto. The ash pit is also cast in one piece and like the feed section extends through the panel front. The fire pot is made in two pieces allowing for separate expansion and contraction of top and bottom.

Here is a pipeless furnace that will give you years of trouble-free satisfaction.

CAPACITIES AND DIMENSIONS

Number	CH4380	CH4420	CH4470	CH4520	CH4560	CH4620
Dia. Firepot	18″	20″	22″	24″	26″	28″
Dia. Cas.	38″	42″	47″	52″	56″	62″
Feed Door	10″x12½″	10″x13″	11x13½″	11½x14½″	12½x14½″	12½x14½″
Hgt, Front	48⅜″	50⅜″	52⅞″	56¾″	57¼″	57¼″
Hgt, Cas.	67″ to 92″	67″ to 92″	69 to 94″	73 to 98″	73 to 98″	73 to 98″
Dup'x Face	18″x18″	20″x20″	22x22″	24x24″	28x28″	30x30″
Warm Air	16″x16″	18″x18″	20x20″	22x22″	26x26″	28x28″
Cold Air	(2)12″	(2)14″	(2)14″	(2)16″	(2)18″	(2)20″
Wdn Face Plates	(2)12x12″	(2)14x18″	(2)14x20″	(2)16x24″	(2)18x30″	(2)20x30″
Smk. Coll.	8″	8″	8″	9″	9″	9″
Est. Cp. c.ft.	5 to 9000	9 to 12000	12 to 18000	18 to 25000	25 to 35000	35 to 45000
Price	$66.00	$74.20	$92.45	$106.95	$123.00	$143.30



PIPELESS FURNACE

Where else can you get a furnace delivered to your home at the prices we are selling this one. Here are some of the features of this furnace:

1. One piece radiator, larger and heavier than on most furnaces. This means fuel economy.

2. Large combustion chamber cast in one piece with feed chute which extends through front, keeping gas and smoke from air chamber.

3. Heavy two-piece fire pot; allows for expansion and contraction.

4. Deep ash pit protects grate from burning out.

5. Inner casings made of first quality galvanized sheets. Has extra lining and dead air space to prevent heat losses.

6. Heavy cast iron register will never warp. Front openings and doors are ground straight and smooth to insure a perfect fit.

7. Coil openings are provided for hot water.

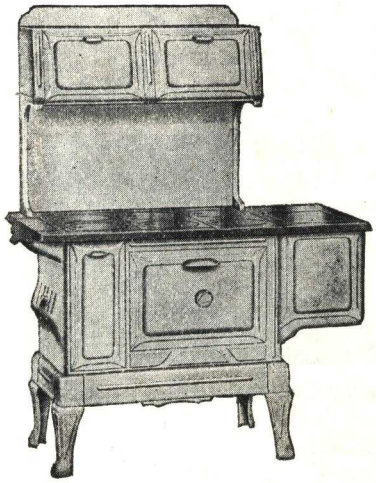
8. Hot water pan supplies the extra moisture needed for health and comfort.

9. Ash pit door opens fully, allowing easy removing of ashes.

CAPACITIES AND DIMENSIONS

No.	Diam. of Firepot	Diam. of Cas'gs	Height of Cas'gs	Feed Door Opening	Size Face Plate	Size of Smoke Collar	Est. Capac. Cu. Ft.	Prices
CH438	18″	38″	65 to 89″	10 x12½″	24x24″	8″	5 to 9000	$66.00
CH442	20″	42″	67 to 92″	10 x13 ″	28x28″	8″	9 to 12000	74.20
CH447	22″	47″	69 to 94″	11 x13½″	30x30″	8″	12 to 18000	92.45
CH452	24″	52″	73 to 98″	11½x14½″	34x34″	9″	18 to 25000	106.95
CH456	26″	56″	73 to 98″	12½x14½″	36x36″	9″	25 to 35000	123.00
CH462	28″	62″	73 to 98″	12½x14½″	40x40″	9″	35 to 45000	143.35

CAST ENAMEL RANGE



No finer example of modern range construction can be found than in our cast range here illustrated. Compactly built with roomy oven and ample cooking top. Splendidly proportioned and attractive in price—a popular seller. Available in green and ivory, gray and ivory, or two-tone ivory tanned porcelain enamel. It is furnished with Duplex grates. Will burn coal and wood. Has cushioned enamel door panels, concealed hinges, sliding damper, and many other special features. This range has polished cooking top and accurate oven door thermometer. Reservoir with 8 gallon copper tank is detachable.

Sizes—18″ oven stove, cooking top without reservoir 23″x36¾″; cooking top with reservoir, 24″ x 44½″; oven, 18″ x 17″ x 11½″; height to cooking top 31½″; size fire box, coal 15″ x 7″ x 7″, length for wood 17″. Size of pipe 7″.

Size—20″ oven stove, cooking top without reservoir, 25½″ x 41½″; cooking top with reservoir, 25½″ x 49½″; oven, 20″ x 20″ x 13″. Height to cooking top, 33″; length fire box for coal, 17½″ x 8″ x 8″; length for wood, 21″. Size for pipe 7″.

When ordering stove, kindly specify whether for coal or wood.

Number	Oven Size	Weight	Price Less Reservoir	Price With Reservoir
CH1274	18″	410 lbs.	$54.50	$62.50
CH1374	20″	510 lbs.	64.55	72.65

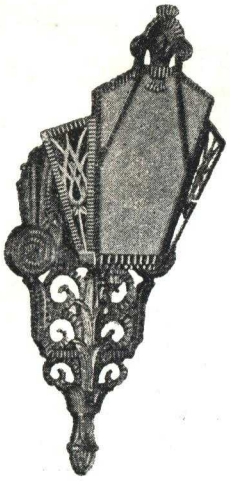
THE SUPREME

This circulating heater is designed for increased efficiency and beauty; a humidifier is provided in back so that you can have moist circulating air, helps to prevent the drying out of furniture. The oblong fire bowl and the combustion chamber are heavily ribbed for strength and efficiency. This large fire pot provides more radiating surface, giving you more heat with less fuel. The large doors make it possible to use wood as well as coal. Will burn hard coal, soft coal, coke and wood. The distance from the inside unit to the enameled casing is far enough to prevent discoloring or blistering of the enamel when it is properly fired. The ash door frame is machine grooved, enabling the unit to hold heat longer. All parts with the exception of the outer casing, sides and back, are cast iron; all joints are cemented and air tight. This is truly an out-standing heater at a remarkable price.

Number	Height	Width	Fuel Door Opening	Fire Pot	Weight Lbs.	Price
CH304	42″	23″	7x12″	8x 9½x16″	295	$32.50
CH506	46″	27″	8x16″	10x11½x20″	430	50.00

Highest Quality

To be able to produce these beautiful fixtures at such an extraordinary low price, is truly a remarkable achievement. This group is priced within reach of all, yet its design and individual lines are patterned after the most expensive fixtures. Notice the fixture with the concealed bulbs. Made of unbreakable metal and finished in striking combinations. These fixtures are wired complete. Bulbs are not included.



NO. CH7301 SIDE WALL BRACKET

Finished in gold with amber shade; extends 5"; back 6" x 11". Wired complete.
Price $2.75

CH1975 SIDE WALL BRACKET WITH CONVENIENCE OUTLET

Extends 5"; back 11½" x 4". Finished in gold and polychrome or ivory and polychrome. Wired complete. Price.....$2.00

CH7201 SIDE WALL BRACKET

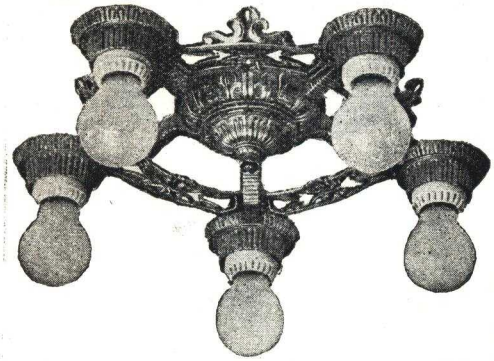
Finished in gold touched with soft shades of russet brown. Wired complete.
Price $1.60

CH7306 CEILING DROP FIXTURE

Spread 18". Length 36". Finished in gold and touched with soft shades of russet brown. Champagne glass panels and center dish to match. Wired complete. Price.....$6.25

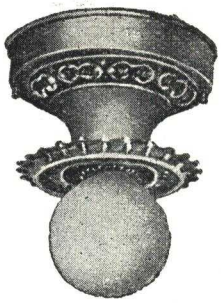
CH7305 CEILING FIXTURE

Same as above except close-up fixture.
Price $5.95



CH7215 CLOSE-UP CEILING FIXTURE

Finished in gold touched with soft shades of russet brown; spread 15¼". Wired complete.
Price $2.50

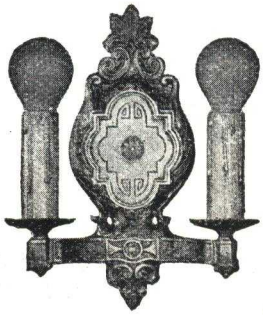


CH7300 BEAM LIGHT

Finished in gold and touched with soft shades of russet brown; diameter 5½"; depth 3½". Wired complete. Price $ .75

CH1251 SIDE WALL FIXTURE WITH CONCEALED LAMP

Finished in gold and blended with soft shades of green and red; touched with a shade of russet brown; a finish that will retain its beauty indefinitely. This beautiful combination is delightfuly set off by honey colored glass shade. Wired complete. Price.....$2.50

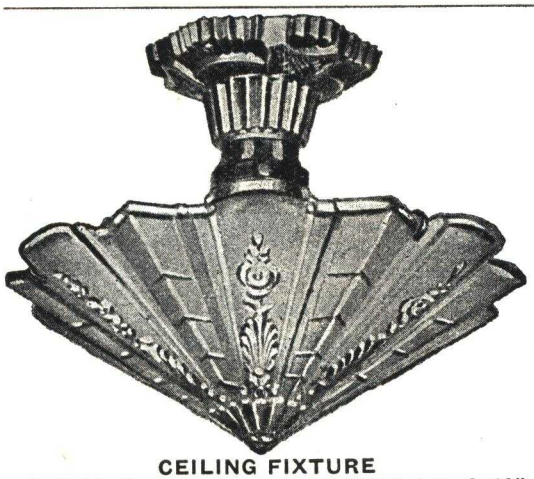


CH7202 TWO LIGHT SIDE WALL FIXTURE

Finished in gold and touched with soft shades of russet brown. Wired complete.
Price $2.00

Newest Designs

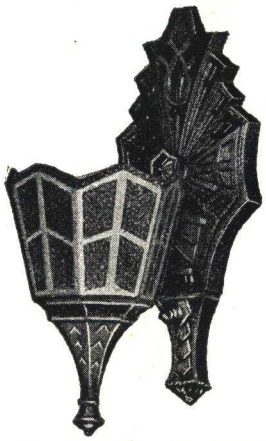
Here are a few of the many lighting fixtures that we carry in stock. These low prices tell you at a glance of unusual savings. In offering these fixtures direct to you, we are saving you one third, the middleman's profit. The design and workmanship exemplify real quality. Our fixtures are easy to install. They come wired complete, packed in separate cartons, which include all necessary fittings. Bulbs are not included. Ask for special fixture catalogue or come to our showroom to see our complete line of fixtures.



CEILING FIXTURE

Suitable for bedroom, spread 12½", length 10", complete with glass as shown in either Jade, Honey, Rose or French Crystal. Wired complete.

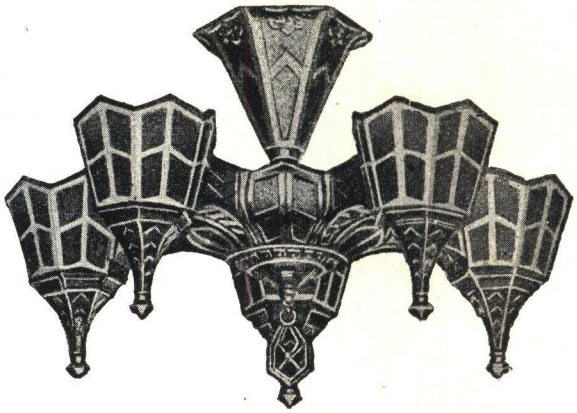
No. CH2618-1049 .....Price **$3.25**



SIDE WALL BRACKET

Extends 6"; back 9½" x 4½"; finished in gold or pewter; wired complete.

No. CH6201.....Price **$2.25**



FIVE LIGHT SEMI-CLOSE-UP CEILING FIXTURE

Spread 18"; length 13"; finished in gold or pewter; amber shades on gold fixtures, and crystal shades on pewter fixtures. Wired complete.

No. CH6205.....Price **$8.25**

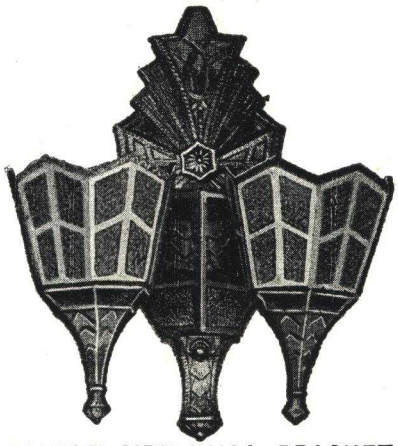
DROP FIXTURE

Suitable for halls, spread 7", length 30". Finished in gold or pewter. Wired complete.

No. CH6210 .....Price **$3.30**

DROP STYLE FIXTURE

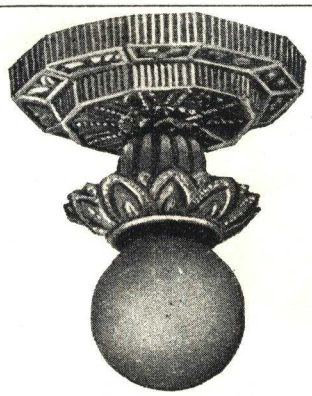
Wired complete. **No. CH2617-1049** Price **$3.75**



DOUBLE SIDE WALL BRACKET

Spread 10", back 10¾" x 4½"; finished in gold or pewter, amber shades on gold fixtures, and crystal shades on pewter fixtures. Wired complete.

No. CH6202 .....Price **$3.50**



CEILING LIGHT

Diameter 5½", depth 4"; finished in gold or pewter. Wired complete.

No. CH6200 .....Price **$1.35**

THREE LIGHT CEILING FIXTURE

Spread 17", length 36"; finished in gold or pewter; amber shades on gold, crystal shades on pewter. Wired complete.

No. CH6204 .....Price **$7.25**

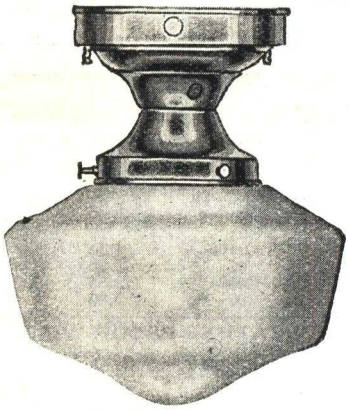
FIVE LIGHT DROP CEILING FIXTURE

Spread 17", length 36"; finished in gold or pewter; amber shades on gold, crystal shades on pewter. Wired complete.

No. CH6206 .....Price **$9.00**

Lowest Prices

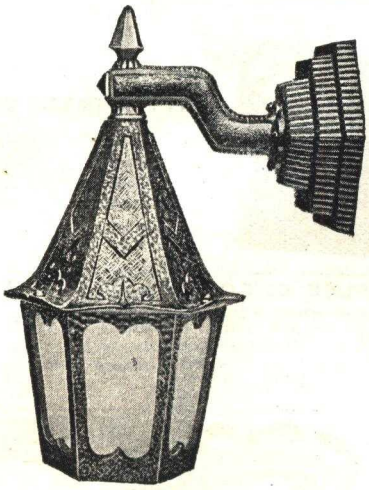
These pages illustrate only a small group of the fixtures that we carry in stock. If we were to show all the fixtures that we carry, it would take most of the space in our present catalogue. Many of our customers buy their complete home from us. In doing this, it is necessary that our Electrical Department keep a line of fixtures in stock at all times, that will be in harmony with most every type of architecture. No two home builders seem to pick out the same type of fixtures. If it is possible, we would appreciate your visiting our showrooms which display a very complete line of fixtures. If you cannot do this, ask for our fixture catalogue, showing the complete line.



KITCHEN UNIT

White enamel or chromium plated holder; diameter 5½", has 4" fitter; equipped with cross bar. Sanitary, easy to keep clean. Wired complete.

No. CH1985 .....$1.15



PORCH SIDE LIGHT

Length over all 11 inches; extends 8½ inches; roof diameter 6 inches; lantern depth 8½ inches; equipped with cross bar; open bottom. Wired complete.

No. CH211 .....Price $4.50

PORCH CEILING LIGHT

Extreme diameter 14"; depth 5¼" open bottom equipped with cross bar; wired complete.

No. CH214 .....Price $1.85

PORCH CEILING DROP FIXTURE

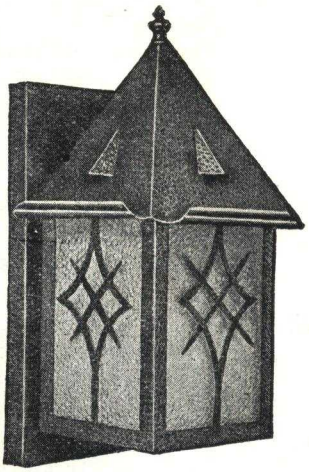
Length over all 18", canopy diameter 4½", rod diameter 6"; lantern depth 8¼", open bottom, equipped with cross bar. Wired complete.

No. CH212 .....Price $4.35

BEAM LIGHT

Diameter 5½", wired complete.

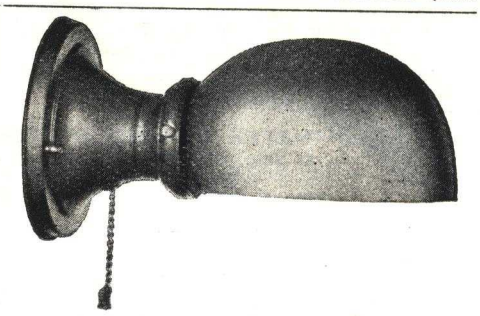
No. CH6500.....$ .50



PORCH SIDE LIGHT

Extends 5¼", length over all 10½"; wall plate 4½ x 8¾", open bottom; equipped with ign receptacle adapter; made of hammered copper. Wired complete.

No. CH3050 .....Price $4.35



SIDE WALL BRACKET WITH HALF SHADE

Especially adapted for use over the sink. Diameter 4½", white enamel finish. Wired complete.

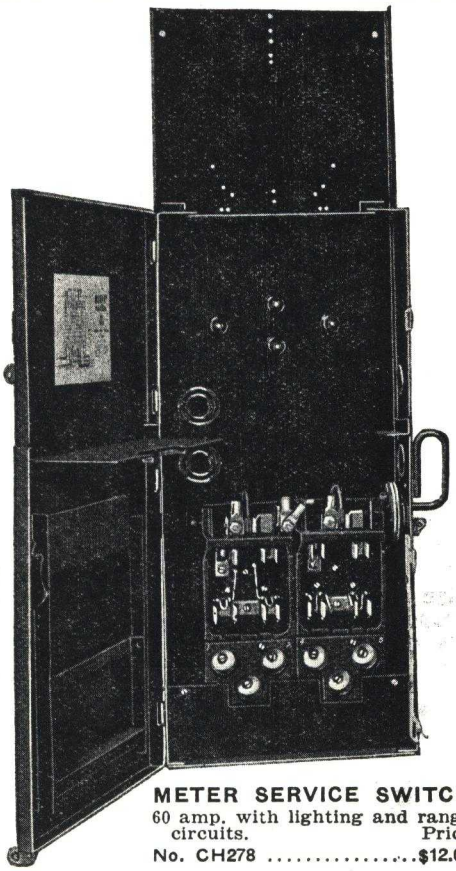
No. CH1966 .....Price $1.15

KITCHEN UNIT WITH CONVENIENCE RECEPTACLE

Equipped with four feet of cord and switch; 4" white enamel holder, 8" glass. Wired complete.

No. CH1987 .....Price $1.95

Conduit—Cable—Wire—Switches

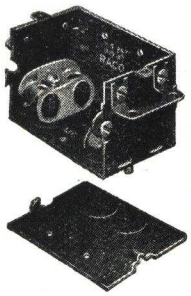


METER SERVICE SWITCH
60 amp. with lighting and range circuits. Price
No. CH278 .....$12.00

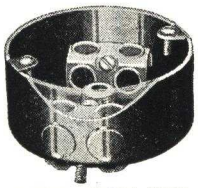
SWITCH OR RECEPTACLE BOXES
Price, each .....$ .12

BOX WITH MOUNTING BRACKET
Price, each.....$ .15

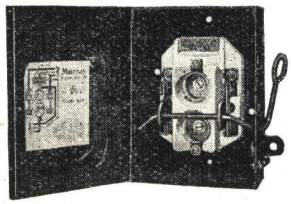
BOX WITH FIXTURE STUD
Price, each.....$ .20



Shallow Ceiling Boxes with Stud and Clamps
Price, each.....$ .14



DEEP CEILING BOXES
Price, each.....$ .16



SAFETY ENTRANCE SWITCHES

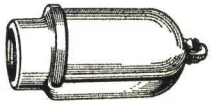
			Price
No. CH630	30 amp.	2 pole	$1.05
No. CH230	30 amp.	3 pole	1.35

RIGID CONDUIT

	Price Per 100 Ft.
½"	$ 7.00
¾"	8.50
1"	12.25
1¼"	16.75

ENTRANCE CAP

½"	$ .20
¾"	.20
1"	.34
1¼"	.45



ENTRANCE ELBOW

½"	$ .25
¾"	.28
1"	.36
1¼"	.65

L. B. UNILET

½"	$ .40
¾"	.45
1"	.65
1¼"	1.05

TEE OR T.B. UNILET

½"	$ .48
¾"	.57
1"	.80
1¼"	1.22

L. R. UNILET

½"	$ .40
¾"	.45
1"	.65
1¼"	1.05

METAL COVERS FOR UNILETS

½"	$ .08
¾"	.11
1"	.23
1¼"	.32

RUBBER GASKET FOR UNILETS

½"	$ .10
¾"	.10
1"	.15
1¼"	.20

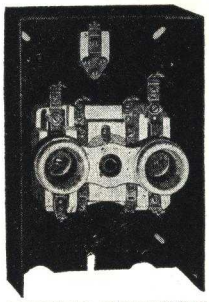
DEEP CEILING BOX ON BAR HANGER
Price, each .....$ .22

OUTLET BOX
For conduit or cable

3¼"	$ .08
4"	.09

OUTLET BOX COVERS

Size	Plain	Raised	Spider
3½"	$ .06	$ .06	$ .08
4"	.08	.06	.09



METER SERVICE SWITCH
30 amp. 3 wire.
No. CH756R $3.25
30 amp. 2 wire.
No. CH755 .....$2.50

PORCELAIN NAIL-IT KNOBS

Each	Per Doz.
$ .03	$ .25

***ARMORED BUSHED CABLE**
Listed as Standard by Underwriters

Size of Wire	No. Wires	Price Per Ft.	Price per 100 Ft.	Price per 250 Ft. Coil
14 ga.	2	Write for current market prices		
14 ga.		" "	"	"
12 ga.		" "	"	"
12 ga.		" "	"	"
10 ga.		" "	"	"
10 ga.		" "	"	"
8 ga.		" "	"	"
8 ga.		" "	"	"
6 ga.		" "	"	"
6 ga.		" "	"	"

*Cable market is very unsteady; all prices subject to change without notice.

***LEADED SHEATHED CABLE**

Size of Wire	No. Wires	Price Ft.	Price 100 Ft.
14	2 A.B.C.	Write for Prices	
14	3 A.B.C.	" "	"
12	2 A.B.C.	" "	"
12	3 A.B.C.	" "	"

Size of Wire	No. Wires	Per Ft.	Per 100 Ft.
14	* Lead Covered Cable		Write
14	*2 Non-metalic Sheathed Cable		for
4	*3 Armored Service Entr. Cable		Prices

*All wire and cable prices are subject to change without notice.

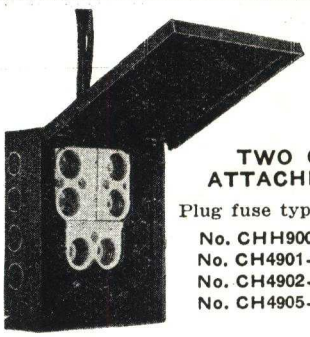
***RUBBER COVERED WIRE**
Can be furnished in black or white.

Gauge	Price Per Ft.	Price Per 100 Ft.	Price Per 500 Ft. Coil
14	$ .01	$ .50	$2.15
12	.01	.70	3.25
10	.01½	1.00	4.65
8	.02	1.50	6.25
6	.03	2.85	12.50
4	.05	3.80	17.00

***WEATHER-PROOF WIRE**

Gauge	Price Per Ft.	Price Per 100 Ft.	Price Per 500 Ft. Coil
14	$ .01	$ .65	$3.00
12	.01	.80	3.60
10	.01½	1.00	4.85
8	.01½	1.35	5.95
6	.03	2.10	9.00
4	.04	2.50	11.25

*All prices subject to market changes.

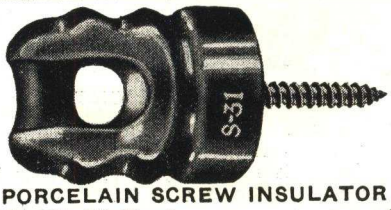


TWO CIRCUIT ATTACHMENT BOX
Plug fuse type.

No. CHH900	$1.60
No. CH4901-4	2.00
No. CH4902-6	3.25
No. CH4905-2 (3 wire)	1.75

FUSE CUT-OUTS AND CABINET

Single Branch Panel Cut-out	$ .30
Double Branch Panel Cut-out	$ .50
12 x 12 x 4 Steel Cabinets	1.25
12 x 10 x 4 Steel Cabinets	1.10
4½ x 5 x 3 Steel Cabinets	.40
4½ x 9 x 3 Steel Cabinets	.50



PORCELAIN SCREW INSULATOR

No. CH-S29 (Medium)	$ .12
No. CH-S31 (Large)	$ .15

Everything Electrical

TOGGLE SWITCH
Single Pole....ea. $ .10
Three Way ....ea. $ .20

TOGGLE SWITCH & RECEPTACLE
Single Pole ....ea. $ .70

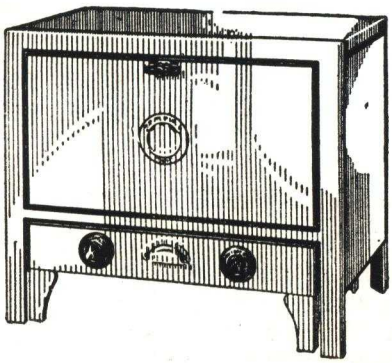
PILOT LITE AND RECEPTACLE
Each $1.10

TWINLITE SOCKET
Bakelite .....ea. $ .10

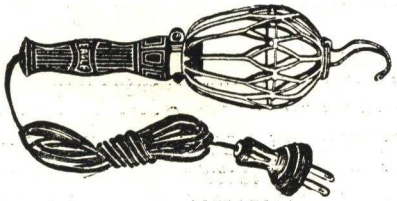
PULL CHAIN SOCKET
Bakelite w/side outlet .....$ .25

PULL CHAIN SOCKET
Brass Shell....ea. $ .20

TOGGLE SWITCH
Bakelite Surface
Single Pole.....$ .15
Three Way.....$ .45



ELECTRO-COOK
Used as an oven; may be used for cooking by bringing out the two burner bottom section. Handy for small apartments, etc.
Each $18.75



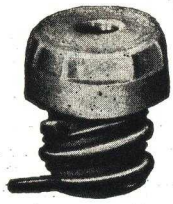
TROUBLE LAMP
All Rubber with 20 feet of Cord.....$1.25

DUPLEX RECEPTACLE
Bakelite .....ea. $ .12

TWIN SWITCHES
Single Pole .....$ .70

DUPLEX RECEPTACLE
On Iron Cover
3¼" .....$ .16
4" .....$ .17

APPLIANCE CORD SET
With 6 feet of Cord .....$ .25



PORCELAIN BUSHINGS

Each	Per Doz.
$ .03	$ .25

KEY SOCKET
Brass Shell .....$ .15

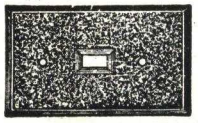
PULL CHAIN RECEPTACLE
Porcelain Ceiling Light .....ea. $ .20

THREE WAY SOCKET
Bakelite .....ea. $ .15

EXTENSION CORD SET
With 10 feet of Cord .....$ .45

HANDLE CAP
Bakelite .....ea. $ .05

CORD SWITCH
Bakelite .....ea. $ .30



TOGGLE SWITCH PLATES

No. Gangs	Brass	Bakelite
1	$ .07	$ .08
2	.14	.16
3	.21	.24
4	.28	.32

These plates can be furnished in any combination, 8c per gang.

SCREW INSULATOR
Porcelain .....$ .03

Solder

	per lb.		per lb.
Wiping Solder ..	$ .25	Wire Solder.....	$ .27
Bar Solder.....	.27	Rosin Core.....	.50

Acid Core Solder $ .75 per lb

PLUG FUSES

Amp.	Each	Box of 5
10	$ .05	$ .22
15	.05	.22
20	.05	.22
25	.05	.22
30	.05	.22

DUPLEX RECEPTACLE PLATES

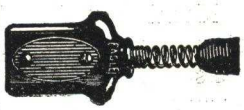
No. Gangs	Brass	Bakelite
1	$ .07	$ .08
2	.14	.16
3	.21	.24
4	.28	.32

These plates can be furnished in any combination, 8c per gang.

SOLDERING PASTE
2-oz. can .....$ .15

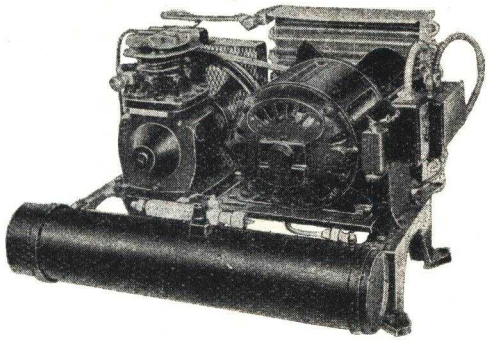
WEATHERPROOF SOCKET
Bakelite .....$ .12

4-WAY TABLE TAP
Bakelite .....$ .60



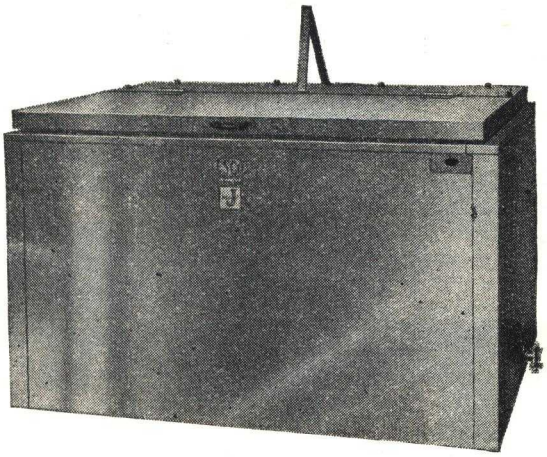
BAKELITE PLUG
Each .....$ .12

Quality Milk Coolers



MILK COOLING COMPRESSOR

Public demand for higher grades of milk is increasing daily. Widening appreciation of its greater nutritive and special values is opening, new, larger and more profitable markets for the dairy farmer. Milk distributors pay high premiums for better milk. The sure safe way to earn this premium is the use of mechanical cooling. The above illustration shows a compressor unit that comes with milk cooling equipment. Let us figure with you on your milk cooling problems. Our special representative will be glad to call and make a complete survey so that the exact equipment required for your dairy can be recommended. You will be under no obligation. There is no charge for this service. You'll find that our suggestions will be helpful—and our equipment exactly suited to your needs. You will find our prices attractive.



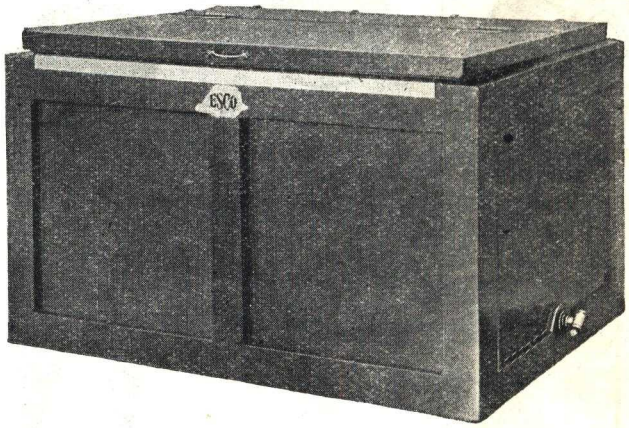
ESCO MILK COOLING CABINET MODEL "J"

Model "J" ESCO Milk Coolers are available in six sizes providing storage for from two to eight 40-quart cans. Each Model "J" is a complete factory-built unit, accurately engineered for the proper cooling and storage of cans of milk on dairy farms. While the Model "J" line is lower in price, no essential quality is lacking.

An ESCO Milk Cooler will mean real money to you. It will save time, labor, and practically eliminate losses from spoilage and rejected milk caused by high bacteria counts or high temperature. Milk must be promptly cooled to below 50 degrees to keep bacteria counts down.

That's the reason properly cooled milk is always in demand. With a Model "E" or a Model "J" ESCO, all you need do is to plunge your cans of milk in the refrigerated water bath and then forget about it. Even in the hottest weather there need be no worry or uncertainty about your milk keeping properly. You won't have to change the water at night, or go out to the milk house to add ice. You need not go to the bother and expense, to say nothing of the hard work. of putting up or buying ice. And in the winter your milk will not freeze.

In fact you'll find your ESCO Milk Cooler will help you make money in many ways. Thousands of ESCO's are in use throughout the country cooling milk, day in and day out, with complete satisfaction. Each ESCO means larger milk profits to its owner because of its certain quick cooling, and its efficient, economical operation.



ESCO MILK COOLING CABINET MODEL "E"

Model "E" ESCO Milk Coolers are the original direct expansion coolers for cans of milk. They are made in ten standard sizes with storage capacities of from two to sixteen 40-quart cans. Larger sizes are also available on special order. Where metal is required rust-resisting galvanized Armco Ingot Iron is used; and where wood is best, only clear Tidewater Red Cypress, "The Wood Eternal," is employed. Model "E" is the quality ESCO line.

ELECTRIC MILK HOUSE EQUIPMENT

We are in position to furnish complete electric milk house equipment to suit almost every requirement. In addition to Model "E" and "J" ESCO Coolers for cans of milk, we have Models "B" and "BI" ESCO Dry Storage Coolers for bottled milk, Electric Sterilizers and Electric Water Heaters. If interested, write for data and prices or let one of our men go over the matter with you.

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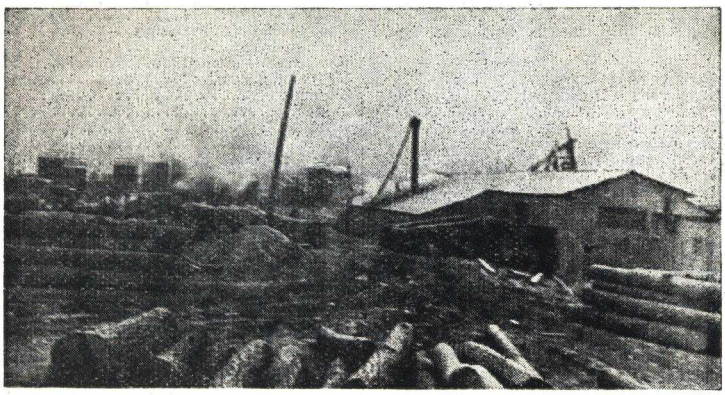
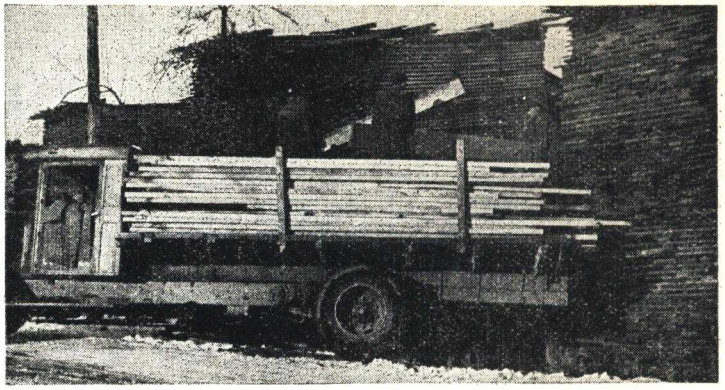
SEE LAST PAGE FOR FREE ZONE DELIVERY

HARDWOODS

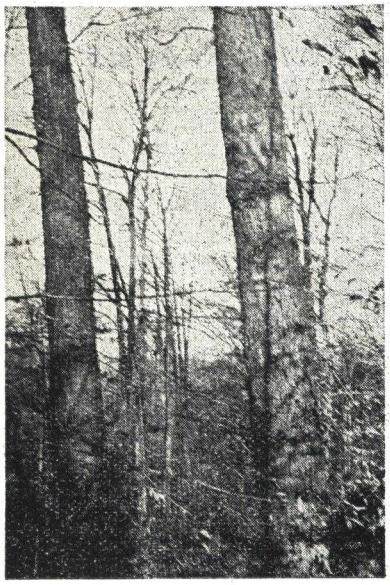
Because of our large hardwood manufacturing facilities, we are able to offer our trade real values in hardwood lumber. We are also able, at our mills in this locality, to saw out hardwood planking, timbers, etc., on special orders. We still maintain a stock of over three million feet of dry hardwood, and from this we are able to give our customers selections that would be hard to duplicate other places.



VIEW OF SAWMILL AT CAYUTA, N. Y.
This mill has a cutting capacity of over two million feet of lumber per year. There is timber enough within trucking distance of this mill to keep it running for the next fifteen or eighteen years.



VIEW OF TRUCKLOAD OF LUMBER
This picture gives you a view of one of our trucks loading up a large load of hardwood for distribution in the Central New York State market. These trucks haul lumber from our Cayuta mill to a radius of 150 miles or more.



VIEW OF TWO MAPLE TREES
This picture gives you a view of a couple of fine Hard Maple trees that we are continually cutting for our Cayuta mill supply. These trees are close to two hundred years old.

DRY LUMBER ON HAND AT OUR MILLS

Oak

Both Red and White. Carried in 4/4, 5/4, 6/4, 8/4, and 12/4 thicknesses. Over 400,000 feet in stock.

Hard Maple

About 600,000 feet in stock. Carried in 4/4, 5/4, 6/4, 8/4, 10/4, 12/4, and 16/4 thicknesses.

Basswood

About 400,000 feet in stock. Carried in 4/4, 5/4, 6/4, 8/4, 10/4, and 12/4 thicknesses.

White Pine

About 200,000 feet in stock. Genuine native stock. It has no superior. Stocked in 4/4, 5/4, 6/4, 8/4, 10/4, 12/4, and 16/4 thicknesses.

Soft Maple

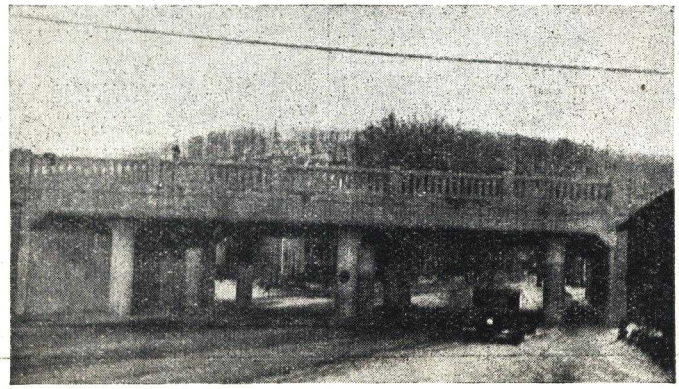
75,000 feet in stock. Stocked in 4/4, 5/4, and 6/4 thicknesses.

Birch

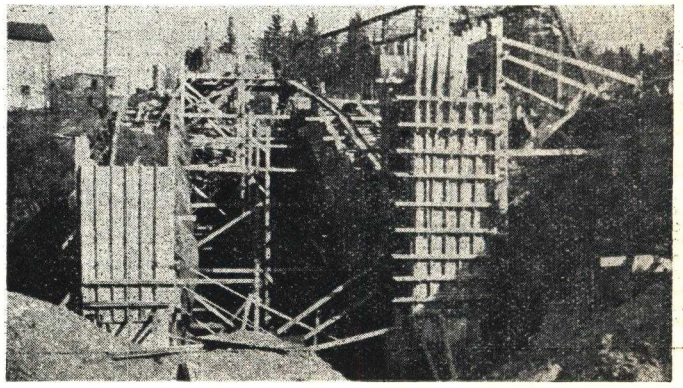
About 300,000 feet in stock. Practically all grades in 4/4, 5/4, 6/4, 8/4, and 12/4.

We carry large stocks of several other kinds of native hardwoods such as Cherry, Elm, Beech, Chestnut, Butternut, Hickory, etc.; also southern hardwoods such as Cypress, Gum, and the like.

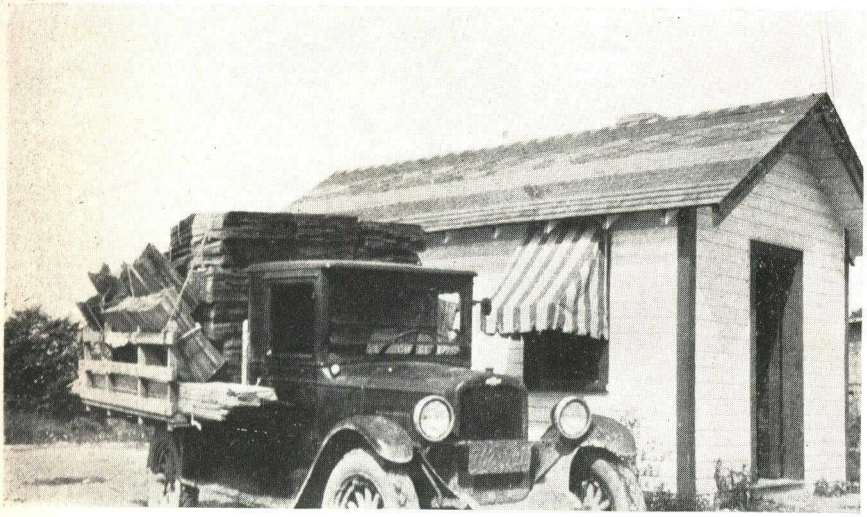
VIEW OF TWO MEN SAWING TREE
This view shows you a specimen of one of the fine Red Oak trees that we are continually cutting, and which goes into fine Oak interior millwork, of which we carry large supplies. This tree was cut this past winter near Perry City, N. Y.



VIEW OF CONCRETE VIADUCT
This is a view of one of the five large viaducts for which we furnished over 250,000 feet of lumber for the D. L. & W. Railroad crossing elimination at Elmira, N. Y., in 1932.



VIEW OF BRIDGE UNDER CONSTRUCTION
This picture shows you a view of the bridge under construction this past winter at Valois, N. Y. We furnished over 70,000 feet of lumber for the construction of this bridge.



THE HUMBLE BEGINNING

The picture of the truck on the left is all the motor equipment that we had at our yard when we opened it in March, 1928.

The office as shown, with two other buildings and two sheds were all the buildings we had at that time. You will note in the pictures below the fleet of trucks we have developed in five years, and still further below shows our complete plant along the Lehigh Valley Railroad at Odessa.

TODAY'S EQUIPMENT

The picture on the right shows you the fifteen trucks which we have to serve you today. In 1932 these fifteen trucks traveled approximately 375,000 miles, burning 46,875 gallons of gasoline, or nearly five carloads. The state and federal tax on this gas was approximately $1,875.00, and the license fees for these trucks for 1933 are approximately $1,100.00, or a total of approximately $4,000 in taxes.

VIEW OF PLANT AT BOTTOM

The picture on the left shows you in the foreground a birdseye view of our plant today. Practically all the buildings there were on this little plateau in the village of Odessa in 1928 were the milk station and the railroad station as shown in the picture, and one old building in the background which was practically a wreck. The ground on which we located our plant was an old gravel bank which we leveled down. The buildings shown in this picture contain about 70,000 square feet of floor space and take approximately 40,000 square feet of roof to cover them. This floor space would make a building nearly 25 feet wide by nearly a half mile long. Our average stock of merchandise is approximately 100 carloads at Odessa. In addition to this, at our sawmills we carry approximately 350 carloads of hardwood lumber.

If you will compare this picture with the one we showed you in the same space last year, you will note that several buildings have been added to our plant since last year.

ZONE DELIVERY

The map we show you is drawn on a 40 mile radius from Odessa. You can arrive at the other zone deliveries by dividing the map up into ten mile circles.

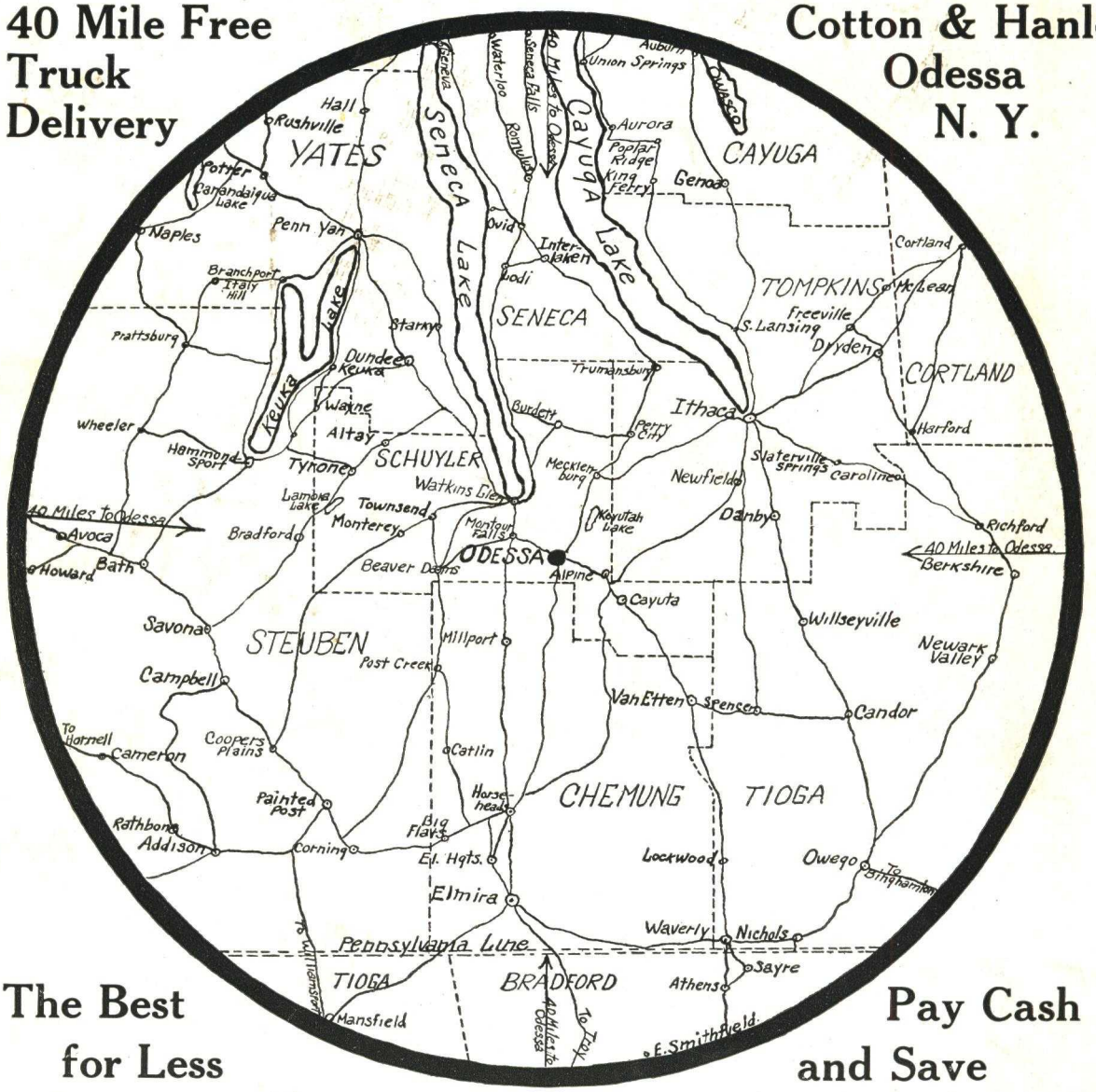
Due to the fact that our trucks cover practically this whole territory real often, we can usually combine small orders to deliver in the outlying zones without any extra charge.

First Zone	Within 3 miles of Odessa
Second Zone	3 to 6 miles of Odessa
Third Zone	6 to 10 miles of Odessa
Fourth Zone	10 to 20 miles of Odessa
Fifth Zone	20 to 40 miles of Odessa

We will not charge any more than strictly necessary for out of zone delivery. Oftentimes we can send a small shipment with another order at no extra cost. Free railroad delivery on most items.

We deliver free, orders in amounts as shown below according to zone:

First Zone	$ 10.00 or over
Second Zone	20.00 or over
Third Zone	40.00 or over
Fourth Zone	60.00 or over
Fifth Zone	100.00 or over



LOCATION

The map on this page shows quite definitely why we located our lumber and building material yard in Odessa. The area covered by this circle has a population of approximately 350,000 people. It contains over 200 miles of lake front. The total area is over 5,000 square miles or 850,000 acres. There is over 1500 miles of hard surfaced road within this area and over 10,000 farms, most of which are owned and worked by progressive farmers. The northeast part of the area is one of the best dairy sections in the state. Directly north of Odessa is the pride of the fruit producing section, and Odessa itself is the heart of the largest poultry producing section of the state. Within this area is the Finger Lakes Region which is the playground of the state. Two large gas fields are within the area, and the third is just on the edge. From no place in the Finger Lakes Region can more miles of lake front be reached in the same number of miles than can be reached from Odessa. Eighteen miles south of us is a large industrial and railroad center. We can make a delivery from Odessa to most any place within this circle about as quickly as a delivery could be made from the heart of the city of Buffalo to the outskirts. A topographical map would show you that Odessa is practically on the height of land for this whole area. All of these features combine to make Odessa the outstanding location of the state from a motor truck delivery service standpoint. The motor truck is revolutionizing the system of merchandising the same as the railroads did fifty to seventy-five years ago.

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